

		2
	· ·	
	4	
	Ter.	
	4	
		40
		~

	*	





MAJOR GENERAL HARDWICKE.

F.R.S. F.R.A.S. F.T.S. F.7.0.

%cc %c. %cc.

From a Portrait by I Lucas. Lithographed by Louis Hague.

Published by Treuttel Wurtz, & Common Course Perbury & Allen Common Services

Darking comming the street

ILLUSTRATIONS

OF

INDIAN ZOOLOGY;

CHIEFLY SELECTED FROM THE COLLECTION

OF

MAJOR-GENERAL HARDWICKE, F.R.S.,

L.S., M.R.A.S., M.R.I.A., &c., &c.

BY

JOHN EDWARD GRAY, F.R.S.,

F.G.S., F.Z.S., M.R.G.S.,

CORRESPONDING MEMBER OF THE ACADEMY OF NATURAL SCIENCES, AND MACLURIAN LYCEUM OF PHILADELPHIA, HONORARY

MEMBER OF THE NATURAL HISTORY SOCIETY OF PARIS, AND OF THE IMPERIAL SOCIETY OF THE OBSERVERS OF

NATURE AT MOSCOW, AND OF THE NATURAL HISTORY SOCIETY OF NEWCASTLE-UPON-TYNE, &c. &c.

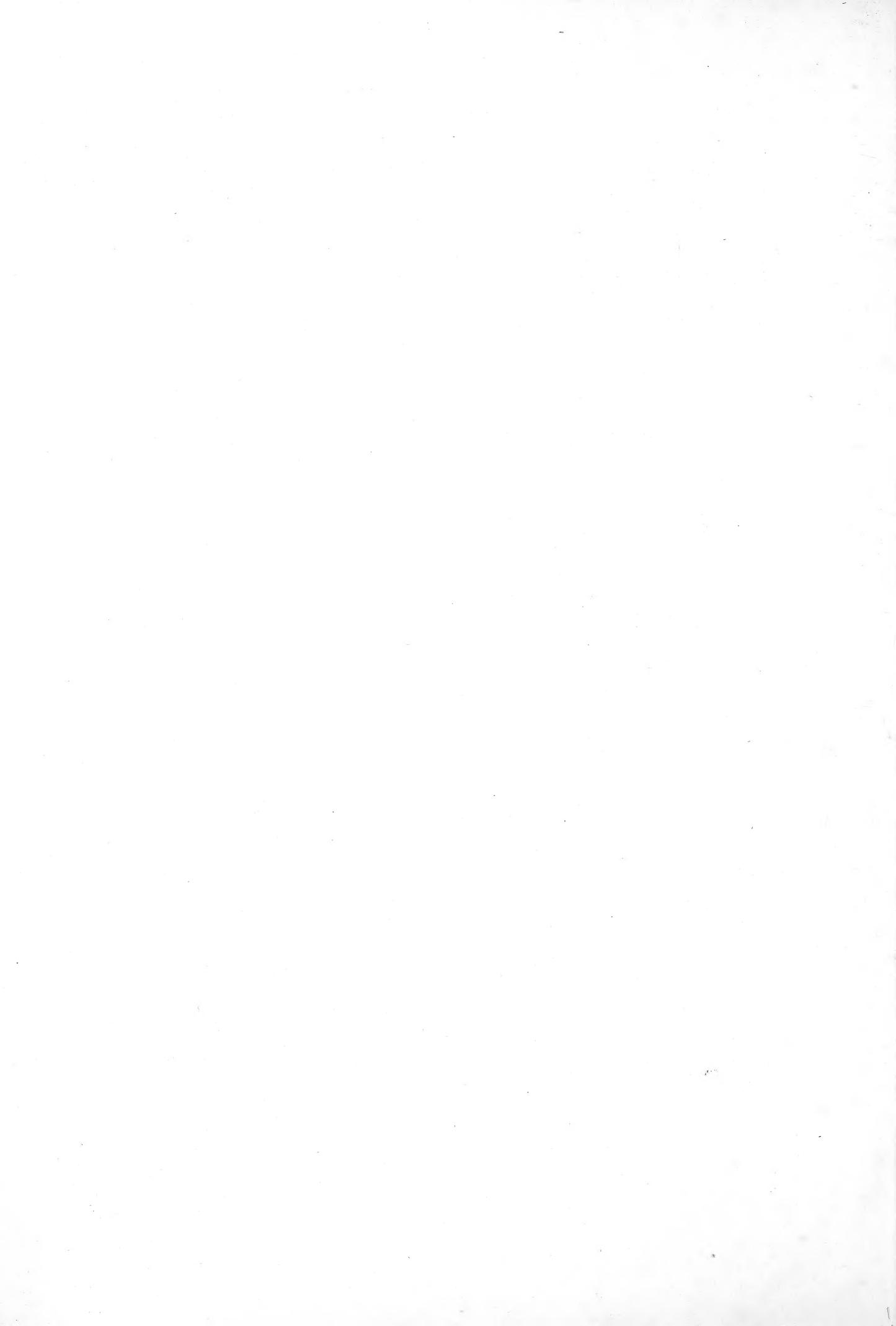
VOL. I.



LONDON:

PUBLISHED BY TREUTTEL, WURTZ, TREUTTEL, JUN. AND RICHTER, SOHO SQUARE; 17, RUE BOURBON, PARIS; AND GRANDE RUE, STRASBURG; ALSO BY PARBURY, ALLEN AND CO., 7, LEADENHALL STREET.

MDCCCXXX *** MDCCCXXXII.



TO THE

HONOURABLE COURT OF DIRECTORS

OF THE

Monourable East India Company,

THIS COLLECTION OF PLATES

OF THE HITHERTO UNFIGURED INDIAN ANIMALS,

IS

WITH THEIR PERMISSION RESPECTFULLY DEDICATED,

BY THEIR GRATEFUL AND OBEDIENT SERVANT,

BRITISH MUSEUM, May, 1832.

THE EDITOR.

• • . 1 6. · ·

DIRECTIONS FOR ARRANGING THE PLATES,

OF THE

NUMBERS I. to X.

MAMMALIA.

- 1. Murine Dysopes. Dysopes Murinus, Gray.
- 2. Beautiful Cat. Felis ornata, Gray.
- 3. Allied Cat. Felis affinis, Gray.
- 4. Bengal Civet. Viverra Bengalensis, Gray.
- 5. Brown long nosed Civet. Viverra? fusca, Gray.
- 6. Collared Civet Bear. Mydaus collaris, Gray.
- 7. Skull and Head of the same, of natural size.

- 8. Collared Hedge Hog. Erinaceus collaris, Gray.
- 9. Musk Shrew. Sorex myosurus, Pallas.
- 10. Indian Gerboa Rat. Gerbillus Indicus, Desm.
- 11. Indian Field Mouse. Arvicola Indica, Gray.
- 12. Indian Antelope. Antilope cervicapra, Lin.
- 13. Head and Horn of the same, of natural size.

BIRDS.

- 14. White-backed Vulture. Vultur leuconota, Gray.
 - Fig. 1. Bengal Vulture. Vultur Bengalensis, Lath.
 Fig. 2. Pondicherry Vulture. Vultur Pondicherianus, Lath.
 Fig. 3. Mask Vulture. Vultur monachus, Lath.

Raptorial.

- 16. White Dotted Eagle. Aquilla punctata, Gray.
- 17. White-banded Eagle. Aquilla bifasciata, Gray.
- -18. Lined Fishing Eagle. Haliatus lineatus, Gray. Inhab. China.
- -19. Plain Fishing Eagle. Haliatus unicolor, Gray. Inhab. China.
- 20. Coromandel Owl. Strix Coromandra, Lath. Inhab. Coroman-
- 21. Chinese Owl. Strix Chinensis, Lath. Inhab. Himalaya Mountains.

Perching.

- 22. Almorah Jay. Garrulus Vigorsii, Gray.

del.

- 23. Fig. 1. Gular Jay. Garrulus gularis, Gray.Fig. 2. Beautiful Jay. Garrulus ornatus, Gray.
- 24. Hunting Crow. Kitta venatorius, Gray.
- 25. Rufous Magpie. Pica Vagabunga, Wayler.
- 26. Chinese Magpie. Pica Sinensis, Wayler.
- 27. Small Paradise Bird. Paradisea minor, Lath.
- 28. Sirkeer Cuckoo. Centropus Sirkee, Gray.
- Fig. 1. Almorah Woodpecker. Picus dimidiatus, Temm.
 Fig. 2. Rufous Indian Woodpecker. Picus rufus, Lath.
- 30. Fig. 1. Crimson Woodpecker. Picus mineatus, Vorst.
 Fig. 2. Indian three-toed Woodpecker. Picus Tiga, Horsf.
 Fig. 3. A head of Female.
- 31. Fig. 1. Nepaul Woodpecker. *Picus Nepaulensis*, Gray. Fig. 2. Moustache Woodpecker. *Picus barbatus*, Gray.
- 32. Lesser spotted Woodpecker. Picus Macei, Temm.
- Fig. 1. Brown Woodpecker, Lath. Picus Molluccensis, Lath. Male and Female.
 - Fig. 2. Mahratta Woodpecker. Picus Mahrattensis, Lath. Male and female.
- 34. Fig. 1. Indian Goat Sucker. Caprimulgus Indicus, Lath.
 - Fig. 2. Bombay Goat Sucker. Caprimulgus Asiaticus, Lath.
- 35. Fig. 1. Balastian Swift. Cypselus palmarum, Gray. Male, female, nest and young.
 - Fig. 2. Allied Swift. Cypselus affinis, Gray.
 - Fig. 3. Chinese Martin, Lath. Hirundo Chinensis, Gray.

Gallinaceous.

- 36. Argus Pheasant, Hen. Argus Pavoninus, Temm.
- 37. Hardwicke's Polyplectron. Polyplectron Hardwichii, Gray.
- 4 38. Lineated Peacock Pheasant. Polyplectron lineatum, Gray. Female.
 - 39. Reeve's Pheasant. Phasianus Reevesii, Gray.
 - 40. Pucras Pheasant. Phasianus Pucrasia, Gray.

- Gallinaceous.
- 41. Nepaul Pheasant, Lath. Phasianus Hamiltonii, Gray.
- 42. Purple Pheasant. $Phasianus\ purpureus$, Gray.
- 43. Fig. 1. Javan Hen. Gallus furcatus, Temm.

 Fig. 2. Lord Stanley's Hen. Gallus Stanleyi, Gray.

 Fig. 3. Banks's Hen. Gallus Bankiva, Temm.
- 44. Malabar Cock, Lath. Hist. Gallus giganteus, Temm.
- 45. Malabar Hen. Gallus giganteus, Temm.
- 46. Black head Horned Pheasant. Satyra melanocephalus, Gray.
- 47. Black headed Pheasant. Phasianus? melanocephalus, Gray.
 Young Male of former.
- 48. Black headed Pheasant. Phasianus? melanocephalus, Gray. Female.
- +49. Pennant's Horned Pheasant. Satyra Pennantii, Gray.
- -50. Chinese Horned Pheasant. Satyra Temminckii, Gray.
- 51. Bengal Horned Pheasant. Satyra Lathami, Gray.
- 52. Curria Partridge, Lath. Perdix Hardwickii, Gray.
- 53. Fig. 1. Concentric Francolin. Perdix concentrica, Gray. Fig. 2. Javan Peacock, (Head.) Pavo muticus, Linn.
- -54. Chuckar Partridge. Perdix chukar, Gray.
- 56. Fig. 1. Wood Partridge. Perdix gularis, Temm.
 - Fig. 2. Oriental Partridge, Lath. Hist. Perdix orientalis, Gray.
- 57. Olive Partridge, Lath. Perdix olivacea, Gray.
- 58. Eyed Partridge. Perdix oculea, Temm.

Wading.

- 59. Edward's Bustard. Otis Edwardsii, Gray.
- 60. Marbled Bustard. Otis marmorata, Gray.
 - 61. Delicious Bustard. Otis deliciosa, Gray.
- 62. ———, Female. Otis deliciosa.
- 63. Spur Winged Plover, Lath. Male and female. Charadrius ventralis, Wagler
- 64. Sataar Jabirn. Mycteria Australis. Inhab.
- 65. Indian white Heron. Ardea orientalis, Gray.
- Fig. 1. Cinnamon Heron. Ardea cinnamomea, Lath.
 Fig. 2. Yellow necked Heron. Ardea flavicollis, Wagler.

Web-footed.

- 67. Spotted Billed Duck. Anas poecilhorhyncha, Lath.
- 68. Girra Teal. Male and female. Anas girra, Gray.
- Fig. 1. Waved Tern, Lath. Hist. Sterna brevirostris, Gray.
 Fig. 2. Orange Billed Tern. Sterna aurantia, Gray.
- 70. Fig. 1. Javan Tern. Sterna Javanica, Horsf.
 - Fig. 2. Allied Tern. Sterna similis, Gray.
 - Fig. 3. Brown Bellied Tern. Sterna acuticauda, Gray. Male.
- 71. Javan Cormorant. Carbo Javanica, Horsf.

REPTILES.

- 72. Eaved Terrapin. Emys tectum, Bell, MSS.
- 73. Thugi Terrapin. Emys Thugi, Gray.
- 74. Kachuga Terrapin. Emys Kachuga, Gray.
- 75. Baska Terrapin. Emys Baska, Gray.
- Fig. 1. Spotted Terrapin. Emys Hamiltonii, Gray.
 Fig. 2. Thick Neck Terrapin. Emys crassicollis, Bell, MSS.
- 77. Fig. 1. Spinose Terrapin. Emys spinosa, Bell, MSS.Fig. 2. Amborna Box Tortoise. Cistuda amboinensis, Gray.
- 78. Eyed Trionyx. Trionyx ocellatus, Gray.
- 79. Flat Trionyx. Trionyx subplanus, Geoff.
- 80. Egyptian Trionyx. Trionyx Ægyptianus, var. Indica.
- 81. Blue spotted Copheas. Trigonocephalus purpureo-maculatus, Gray.

AMPHIBIA.

- 82. Fig. 1. Spotted Tree Frog. Hyla maculata, Gray.Fig. 2. Bengal Frog. Rana Bengalensis, Daud.
- 83, Fig. 1. Keeled Nosed Toad. Bufo carinatus, Gray. Fig. 2. Doubtful Toad. Bufo dubius, Gray.

FISH.

- 84. Fig. 1. Coach Whip Sisor. Sisor Rabdophorus, Ham. Fig. 2. Bearded File Fish. Anacanthus barbatus, Gray.
- 85. Fig. 1. Cuvier's Acanthonotus. Silurus (Acanthonotus,) Cuvieri, Gray.
 - Fig. 2. Bengal Ailia. Melapterus (Ailia) Bengalensis, Gray.
 - Fig. 3. Hamilton's Coilia. Engraulis (Coilia) Hamiltonii, Gray.
- 86. Fig. 1. Hamilton's Carp. Cyprinus (Bangana) Hamiltonii, Gray.
 - Fig. 2. Goha Carp. Cyprinus (Leuciseus) Goha. Ham.
- 87. Fig. 1. Beautiful Diplopterus. Diplopterus pulcher, Gray.
 - Fig. 2. Smooth-headed Tetraodon. Tetraodon leiopleura, Gray.
 - Fig. 3. Chedra Carp. Cyprinus Chedra, Ham.
- 88. Fig. 1. Bruce's Balitora. Balitora Brucei, Gray.
 - Fig. 2. Spotted Balitora. Balitora maculata, Gray.
- Fig. 3. Gotyla Rock Carp. Cyprinus Gotyla, Gray.
- 89. Fig. 1. Carce Pipe Fish. Syngnathus Carce, Ham.
 - Fig. 2. Banded Pipe Fish. Syngnathus faciatus, Gray.
 - Fig. 3. Hardwicke's Pipe Fish. Syngnathus Hardwickii, Gray.
 - Fig. 4. Deokata Pipe Fish. Syngnathus Deocata, Ham.
- 90. Fig. 1. Eyed Balistes. Balistes oculatus, Gray.

- Fig. 2. Amboina Balistes. Balistes Amboinensis, Gray.
- Fig. 3. Armed Balistes. Balistes subarmatus, Gray.
- 91. Fig. 1. Chitala Mystus. Mystus Chitala, Ham.
 - Fig. 2. Kapirat Mystus. Mystus Kapirat, Ham.
- Fig. 1. Hardwicke's Julis. Julis Hardwickii, Gray.
 Fig. 1. Short-rayed Paradise Fish. Polynemus Teria, Ham.
- 93. Fig. 1. Mosal Carp. Cyprinus Mosal, Ham.
 - Fig. 2. Morala Carp. Cyprinus Morala, Ham.
- 94. Fig. 1. Tileo Carp. Cyprinus Tileo, Ham.
 - Fig. 2. Richardson's Carp. $Cyprinus\ Richardsonii$, Gray.
- Fig. 3. Beautiful Loach. Botia grandis, Gray.
- Fig. 1. Bora Ophisurus. Ophisurus Boro, Ham.
 Fig. 2. Harancha Ophisurus. Ophisurus Harancha, Ham.
 - Fig. 3. Linear Moringua. Moringua linearis, Gray.
 - Fig. 4. Hardwicke's Rataboura. Rataboura Hardwickii, Gray.
 - Fig. 5. Bengal Conger. Muræna Bengalensis, Gray.
- 96. Allied Herring. Clupea affinis, Gray.
- 97. Deformed Hog Fish. Synanacea grossa, Gray.
- 98. Fig. 1. Spotted Bearded Shark. Scyllium maculatum, Gray. Fig. 2. Ornamented Bearded Shark. Scyllium ornatum, Gray.
- 99. Ornamented Trygon. Trygon ornatum, Gray.

FOSSILS.

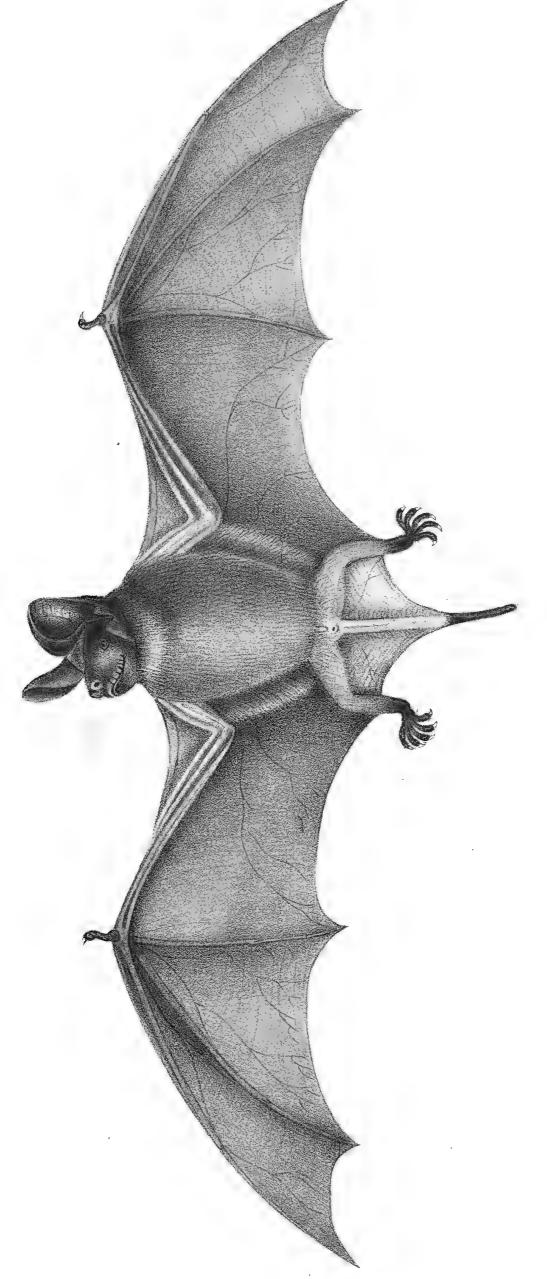
100. Fig. 1. Ammonites Nepaulensis.

———— Wallichii.

———— tenuistriata.

Note.—The lineated Fheasant, Latham, on Tab. 40, should be Nepaul Pheasant, Lath. Hist. Emys guttata, Tab. 75, should be Emys Hamiltonii.

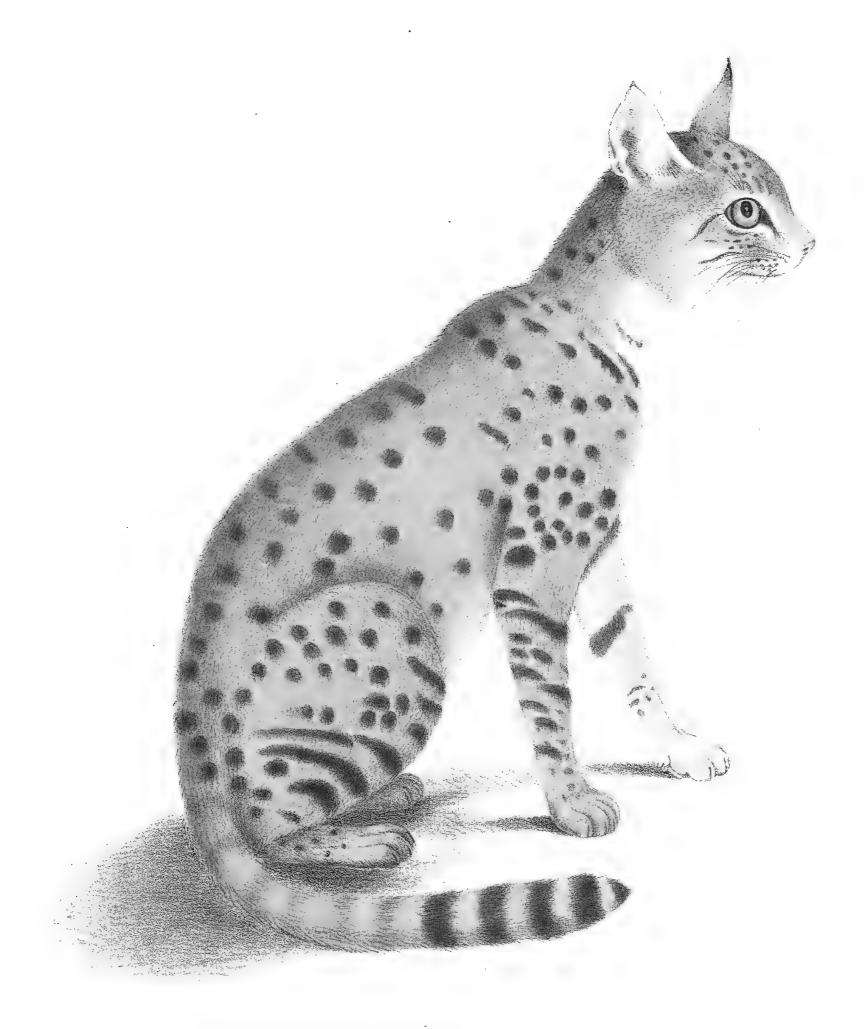
In some copies a few of the names on the Plates are incorrectly printed, but these are corrected in this List, as in t. 25, t. 26, t. 29, f. 2.; t. 39, t. 57, t. 68, f. 1; t. 88, and t. 90.



W.B. Hawkins Jobog.

DYSOPES MURINUS n. MURINE DYSOPES. Bengal.

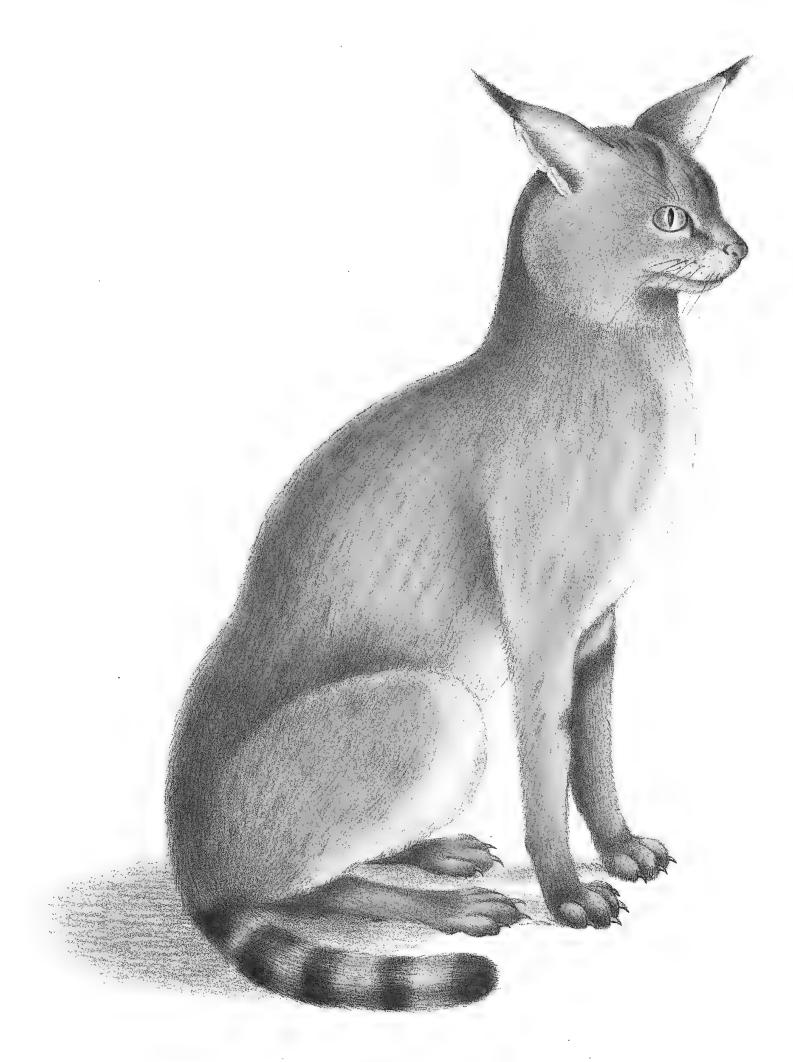
Published 1829 by Parbury. Allen & Co Leadenhall Strut. Printed by W Doy II. Gate 36



FELIS ORNATA-Gray BEAUTIFUL CAT.

London Published by Parburry and Allen, May 1° 1824 Printed by Engelmann 8.60





FELIS AFFINIS-Gray ALLIED CAT.

London Published by Parburry K. Allen, Mag 1st 1829 Printed by Engelmann K.Co

. •



B.E.N.CAII。CTVETF, n.V.IVERRA. IBENGAIIENSTS。. Most Part of Bengal.

Historia In Parture Alba & 10 Foodschall Stores

. . • • •



B W Hawkins lithing

VIVERRA FUSCA.-Gray BROWN LONG NOSED CIVET.

Published by Parbury & Allen Nicy 1st 1829.

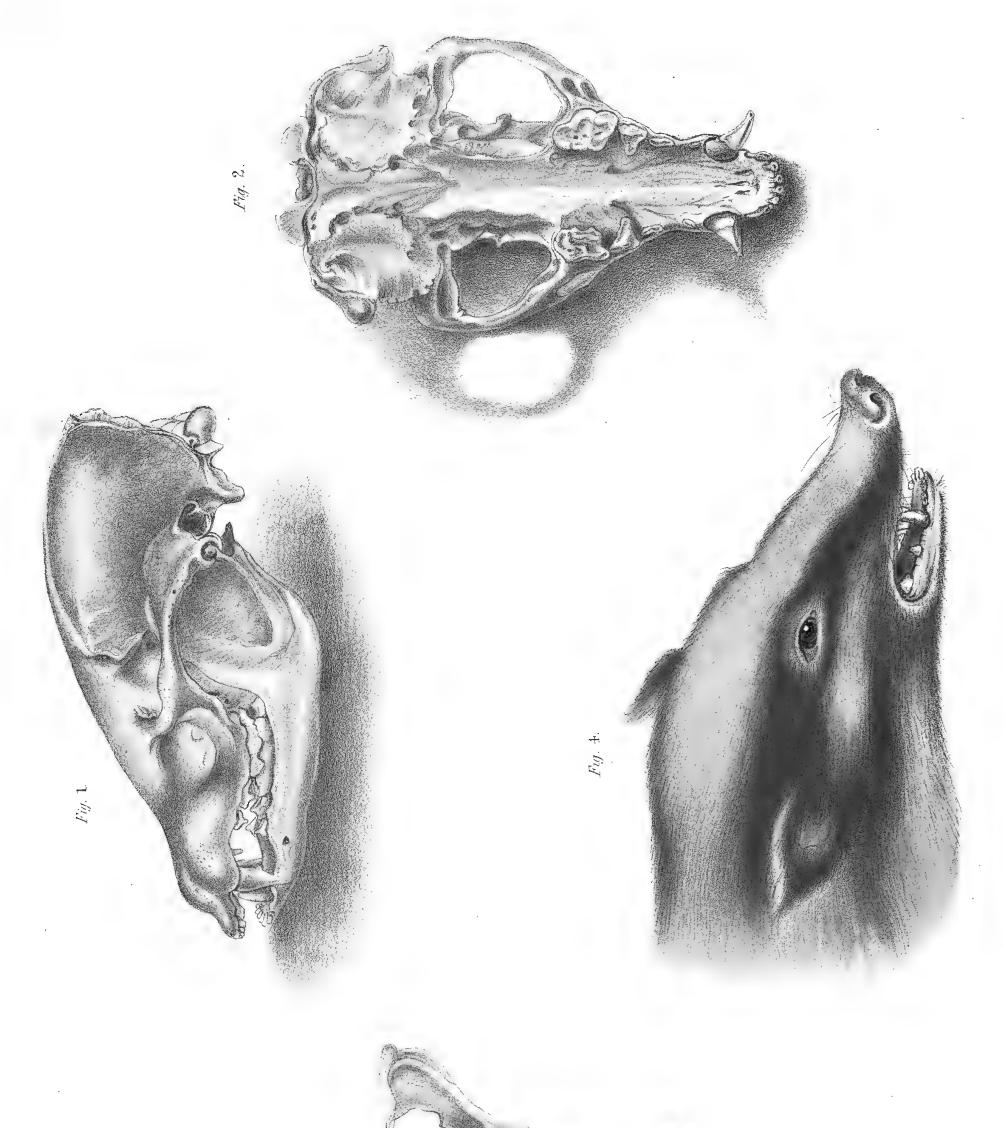
,



MYDAUS COLLARIS. Gray. COLLARED CIVET BEAR. India.. Bali Saur, of the Hindoos.

Indashed 1829 by Partury Allen & CoLeadenha U. Street. Printed by W.Day.





MYDAUS COLLARIS.- Gray

institute (y Farmany & Allen Landon, May 14 1609

9 • •

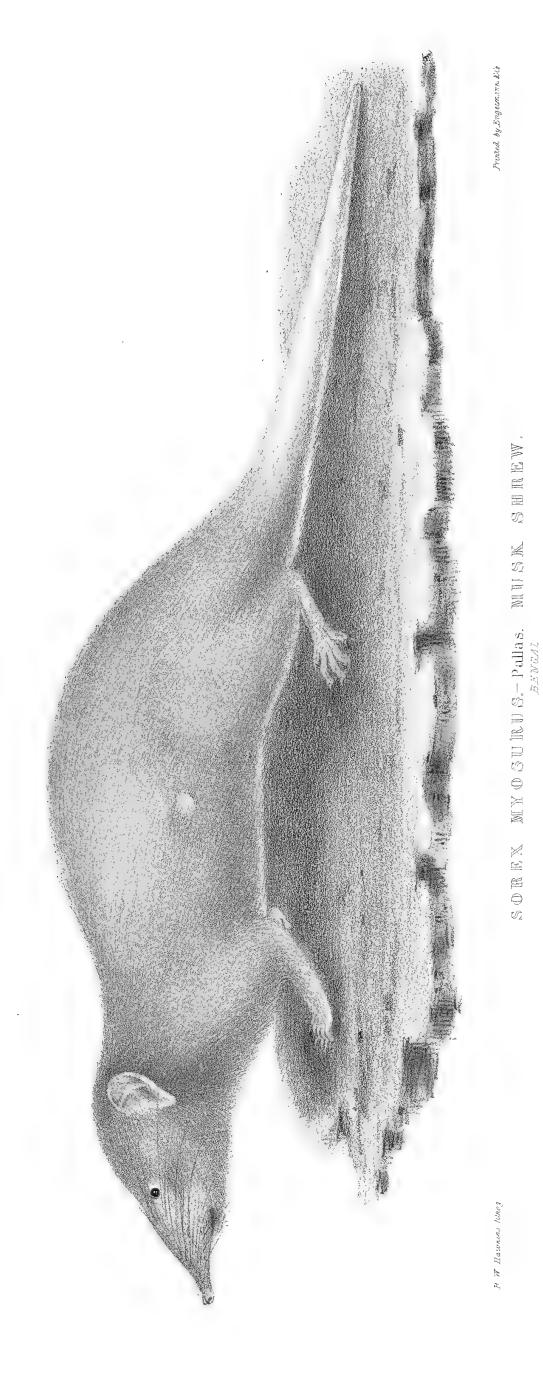
•



ERINATEUS COLLARISE.COLLARED HEDGE HOGO. Doab.

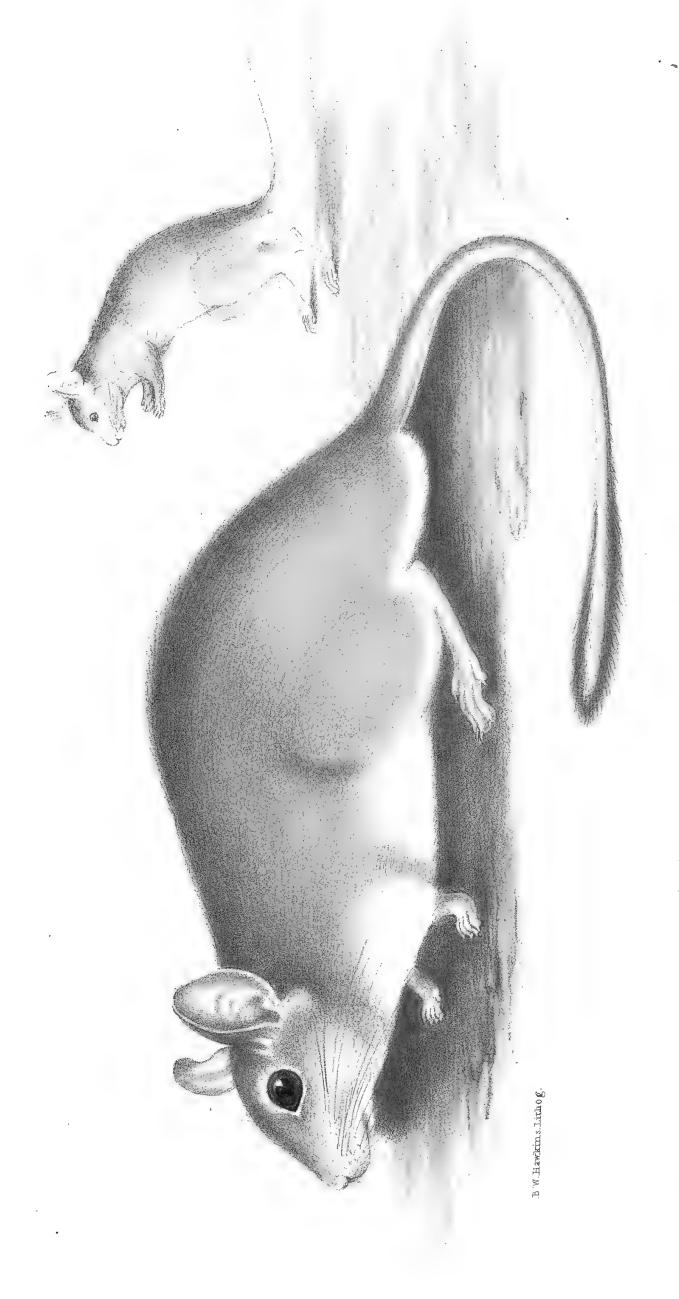
Published 1829 of Inviory Lilen & ("Londeniall Street"). Printed by W. Day 37 Gate St

.



Target 1828 by I'mbury

.



GRRBILLUS INDICUS, Desm.. INDIAN GERBOA RAT.

Pubbshed 1859 Parbzery Allen & C'oLeudenhall Street. Printed by W. Day.11, Gate Stre





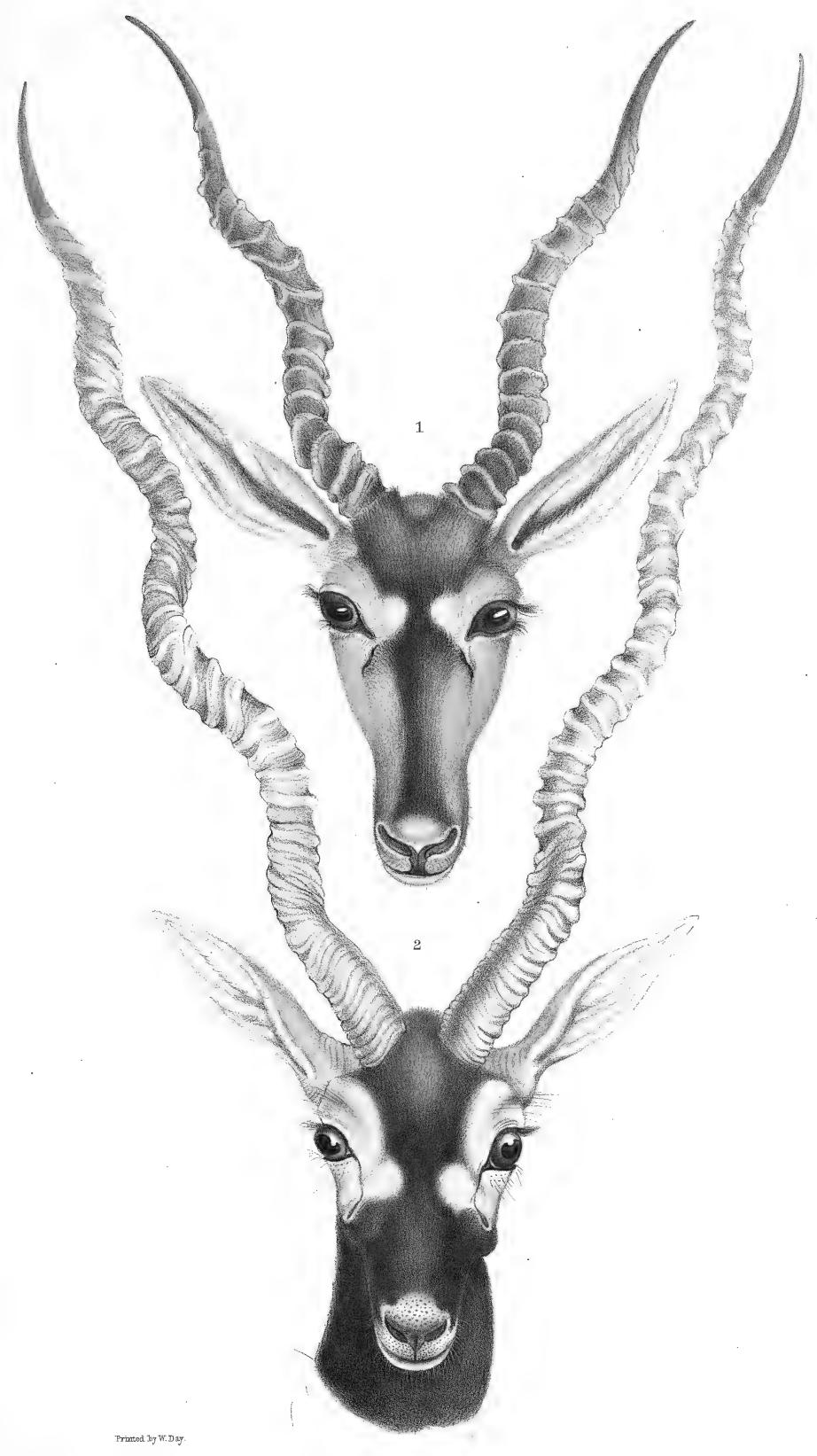
ARVICOLA INDICA-Gray.

bleshed by therbury & Allen London May 1, 182.8



INENTAN ANTERACE, ANTERACIPE, ANTERACIEM CERVICAPEA, chin.
1. Young in Month of Jansers 1822. Antelope bilineata, linn Ms. 2...same Individual in end of Oct. 1825. 3...Adult.



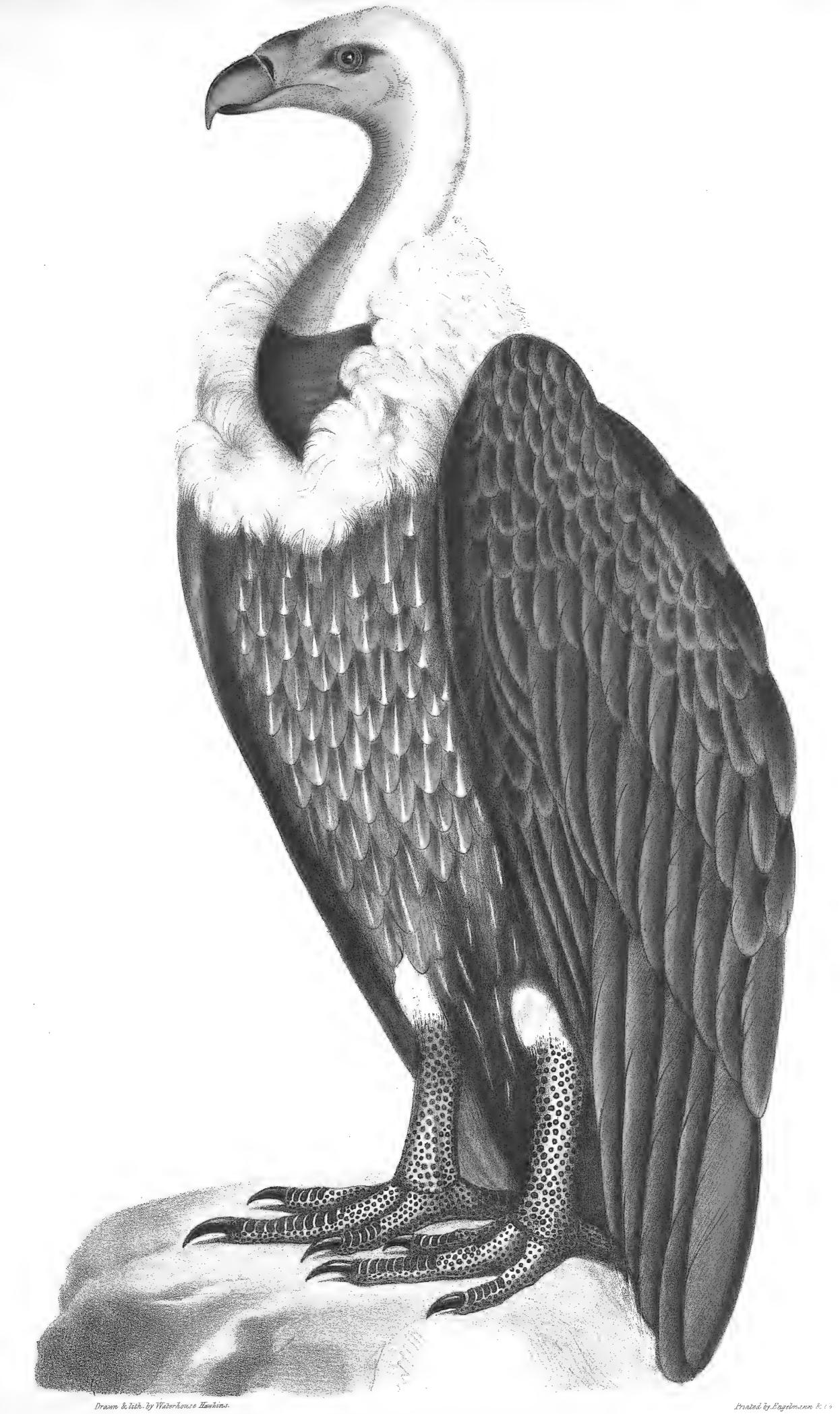


INDIAN ANTELOPE. ANTELOPE CERVICAPRA. Lin.

1...Young. 2...Adult.

Fublished 1829 by Parbury Allen & C. Leadenhall Street.













			,	
	10			



. . . .



Drawn & lith. by Waterhouse Hawkins.

Printed by Engelmann & Co.

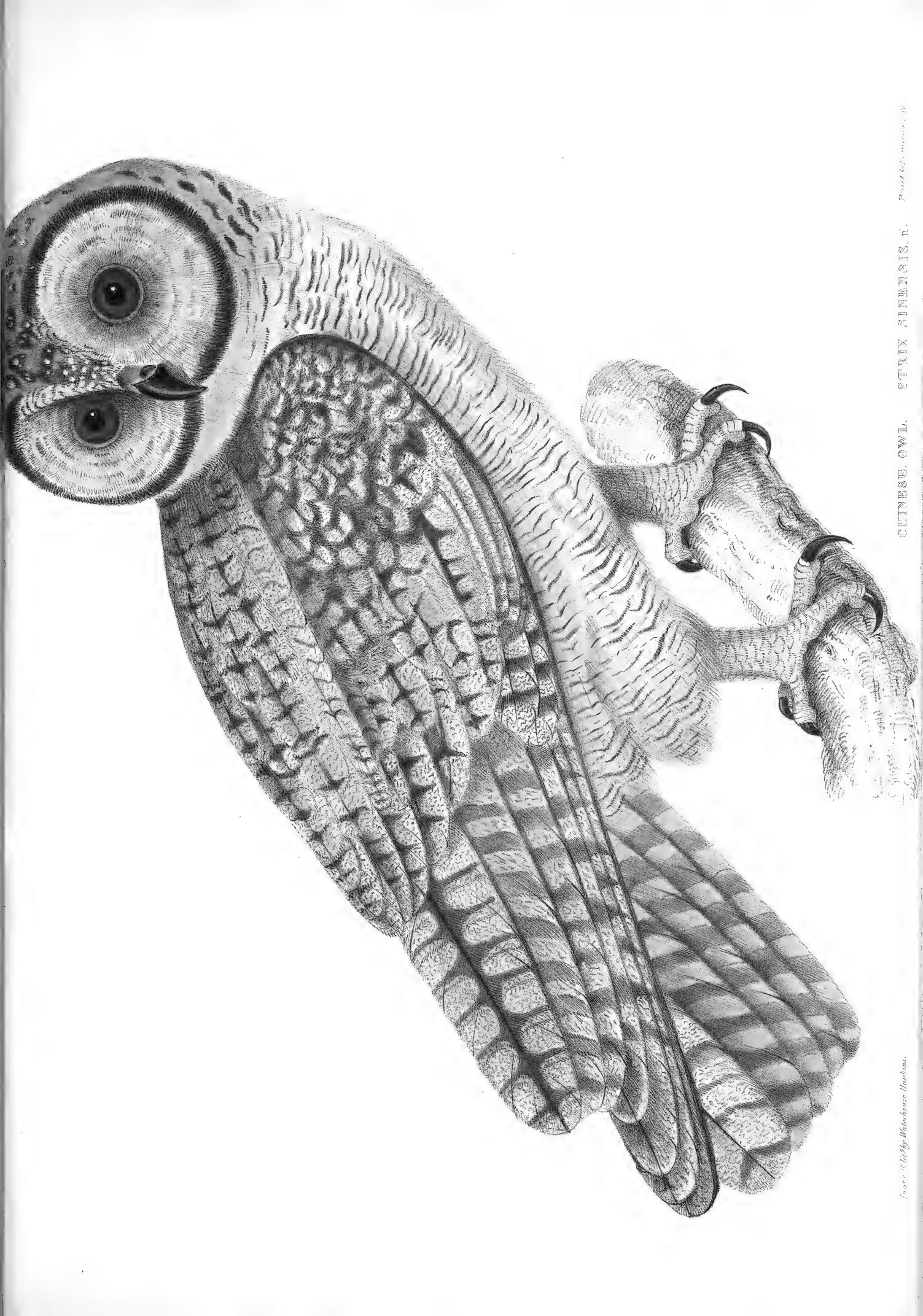


LAIN FISHIIG RAGIES HALLE THE BUNDEOLORS Gray.

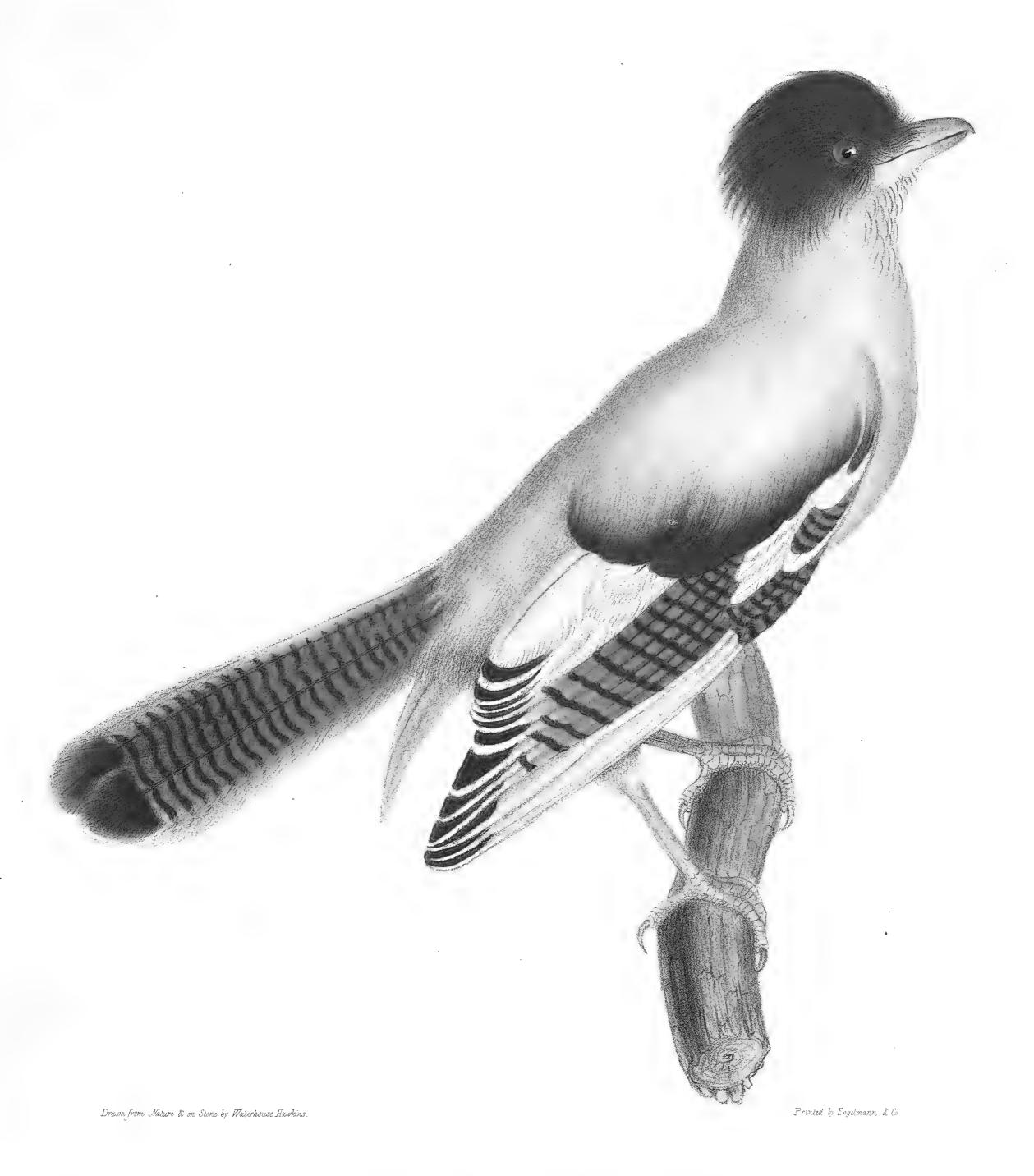
· · · • . • . .

STRIX COROMANDRA, Lata COROMANDEL OWL. Lata Coromandel.

• . . . • •

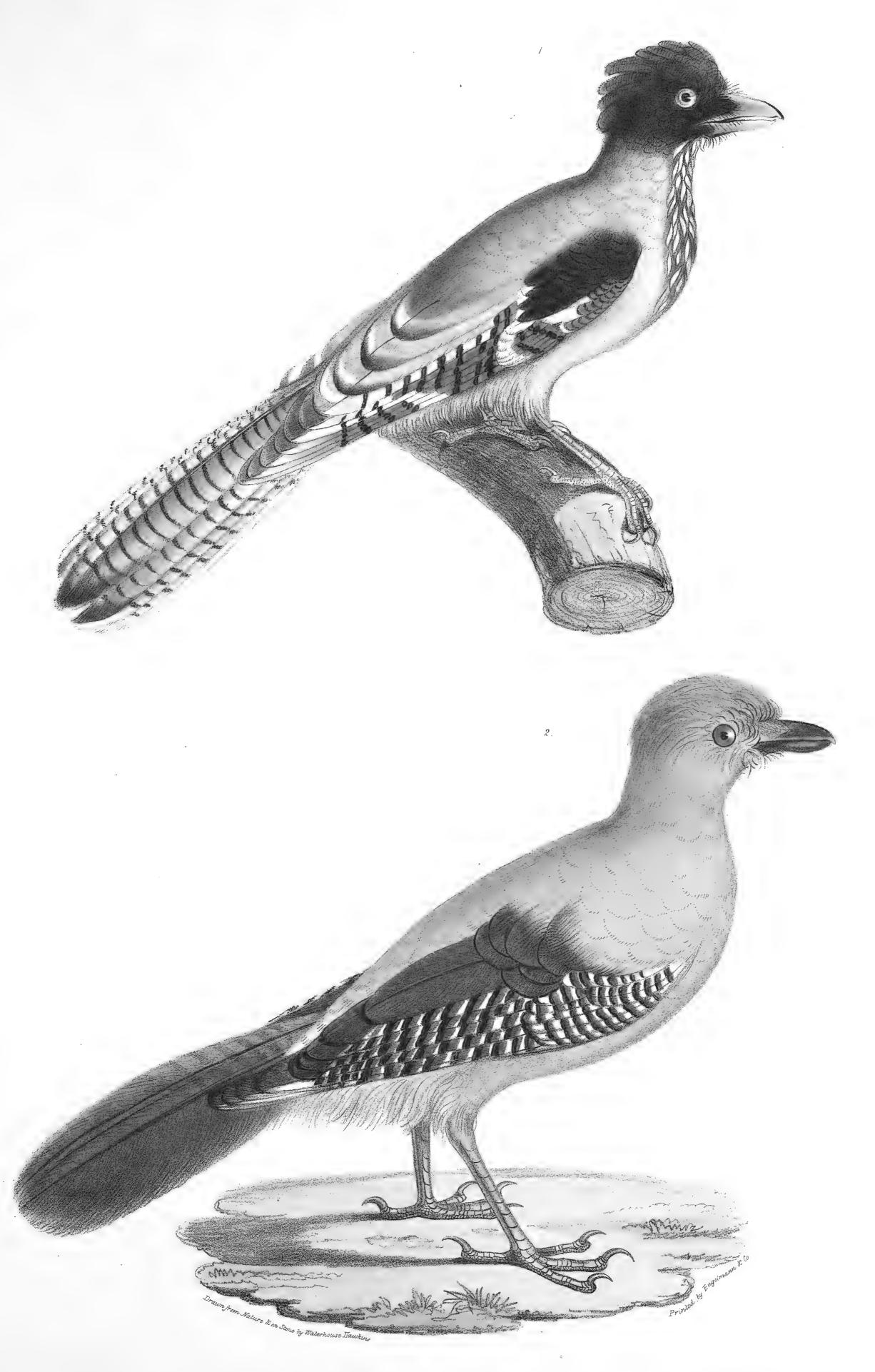


, • v. . . •



ALMORAH JAY. GARRULUS VIGORSII.









KITTA. VENATORIUS, Nob. MUNTING CROW, Lath Hist





FICA VAGABUNGA, Weigler. RUFOUS MAGEIK,





n W Hawkins lith.

PICA SINENSIS, n CHINESE MAGPIE.
India.

Published 1829 by Parbury Allen & CoI eadenhall Street.
Printed by W. Day.

. .



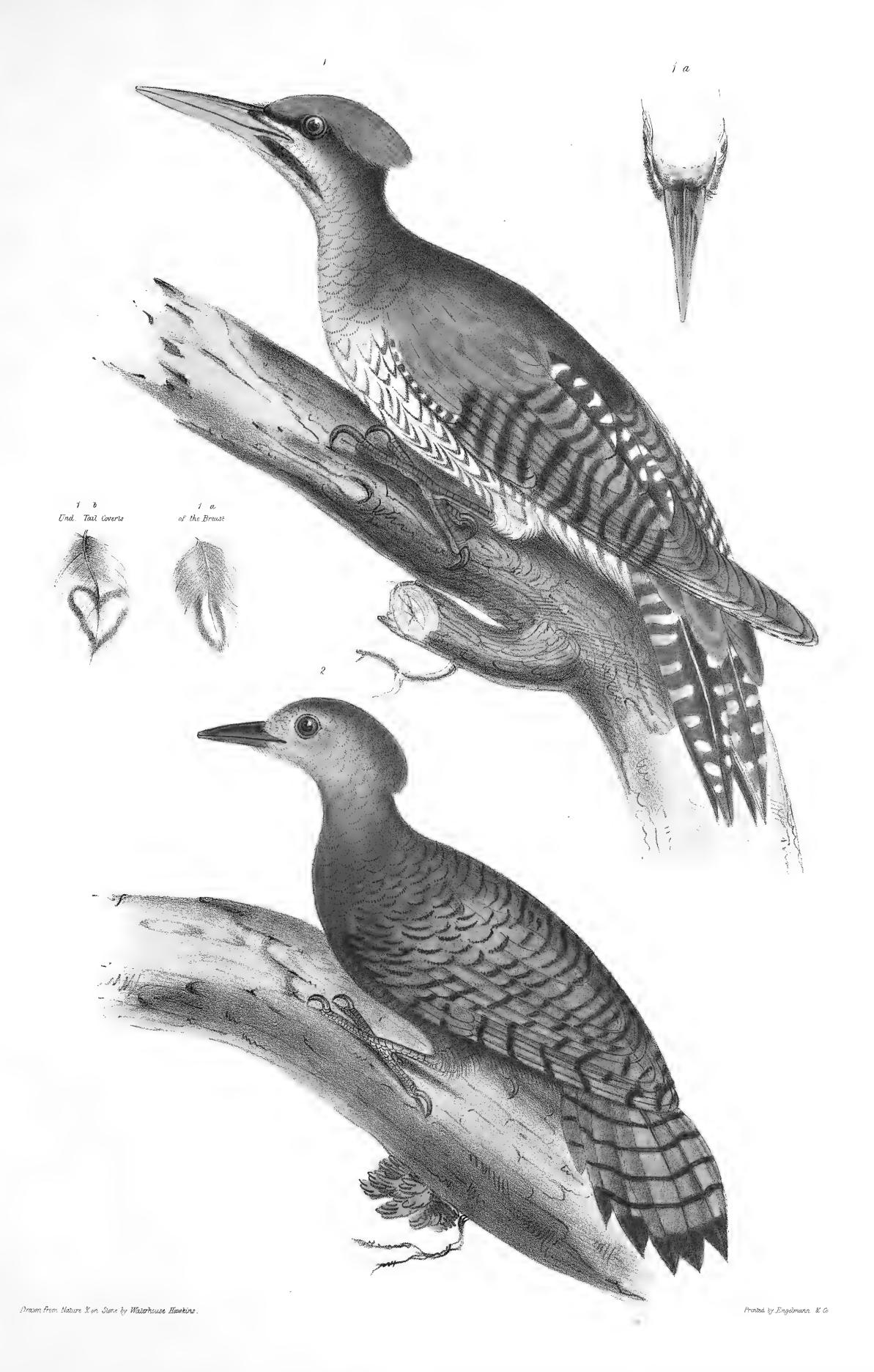




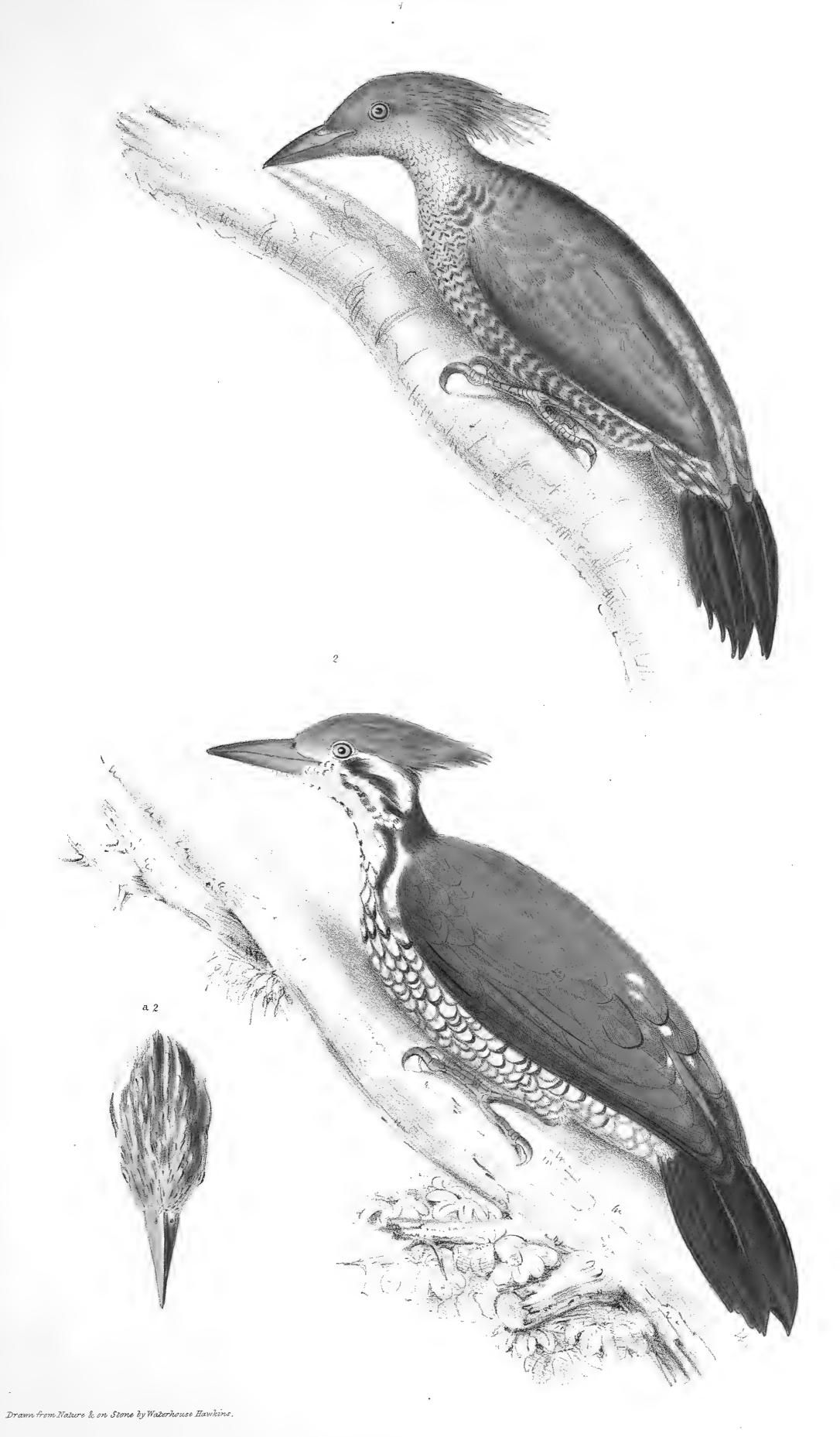
CENTROPUS SIRKBEN SIRKERR. CUCKOO.

Published 1824 by Parkury Allow & Colourdon ball Open



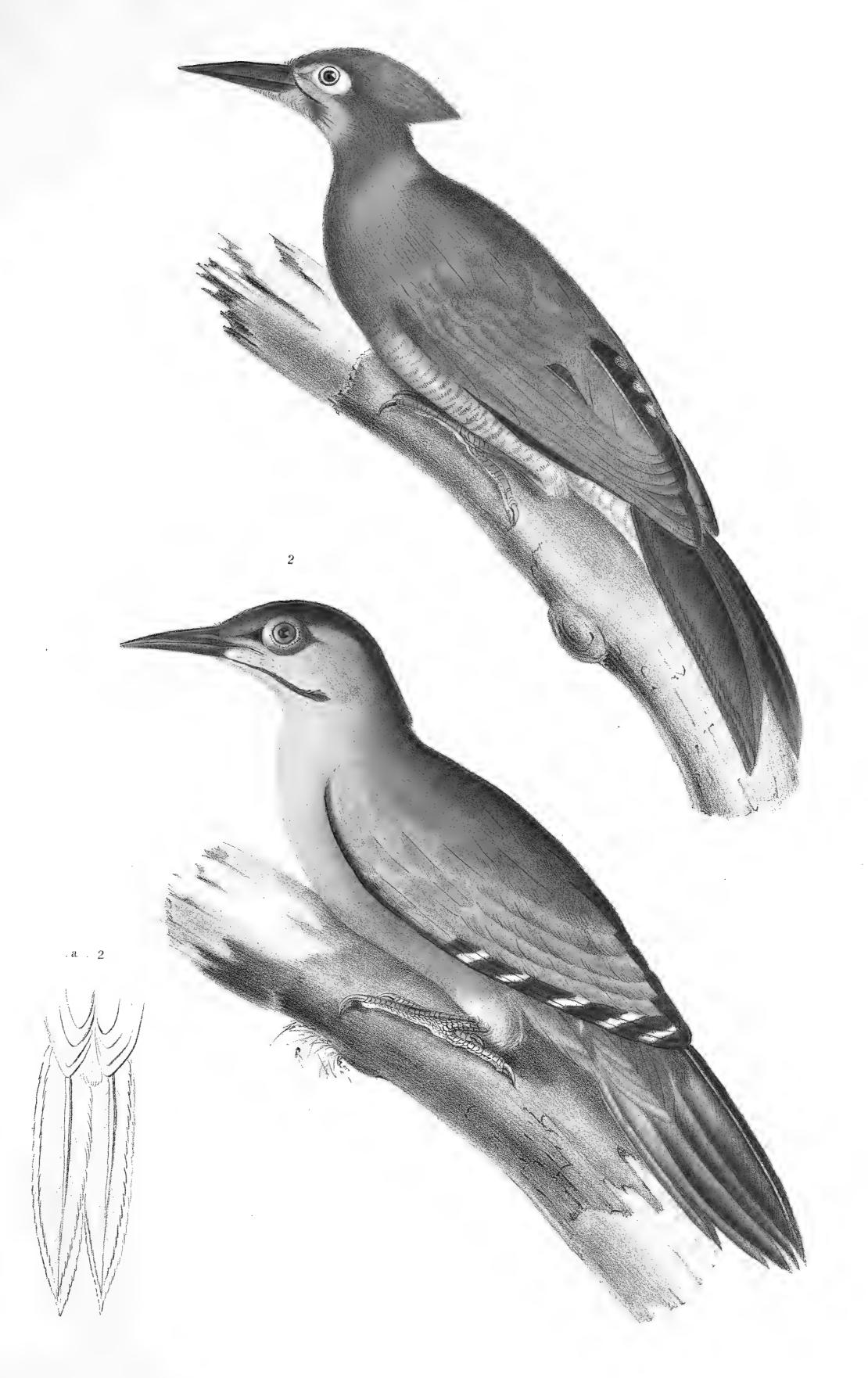






Printed by Engelmann & Co.





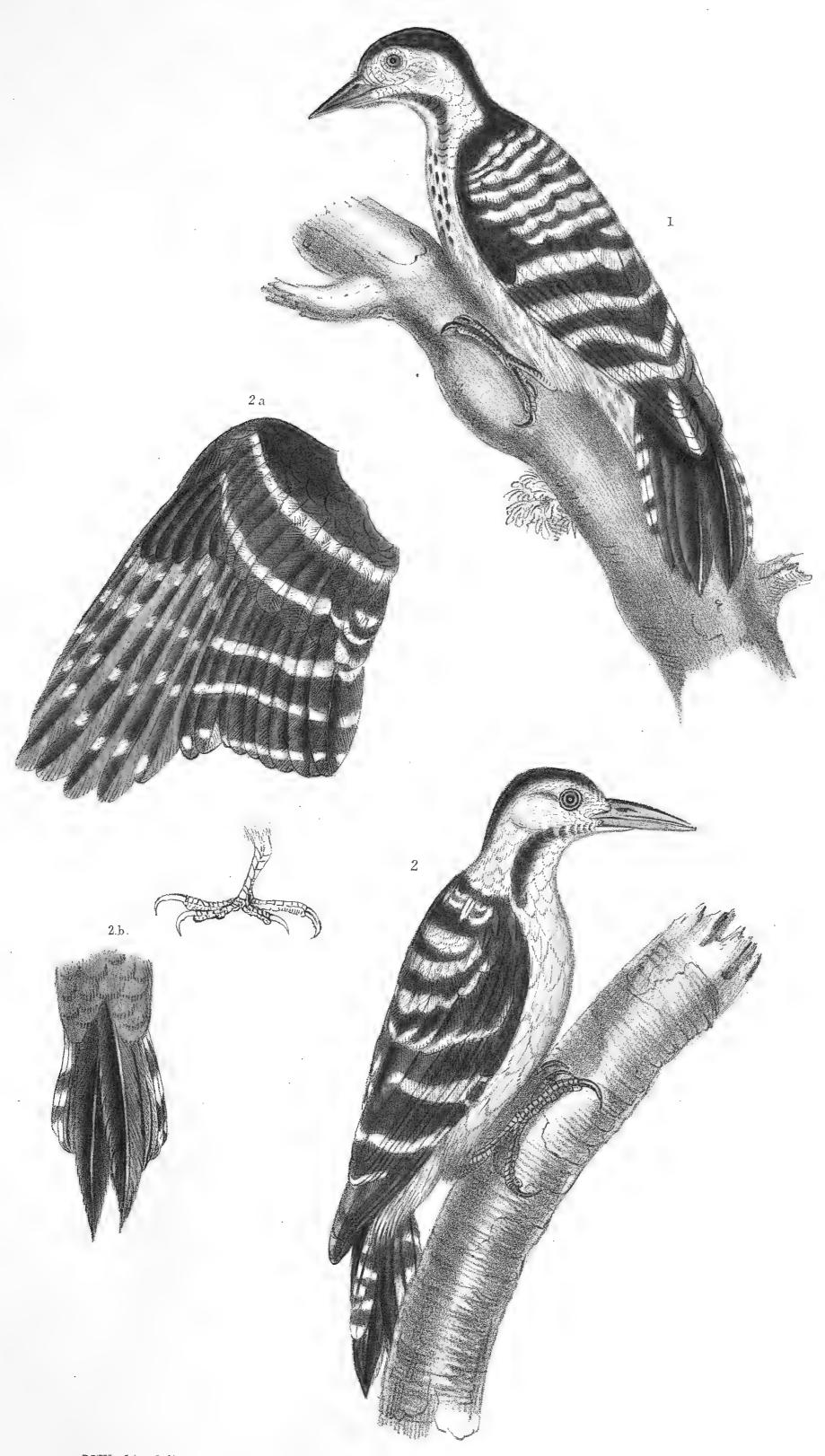
Drawn from Naturs & on Stone by Waterbouse Hawkins.

Printed by Englemann & Co

I,PICUS MEPAULENSIS Nob MEPAUL WOODPECKER.

2.PICUS BARBATUS Nob MOUSTACHE WOODPECKER.

				•	
	·				
					•
		•			
			,		
	•				
·					



B.W.Hawkins del^t

PICUS MACEL._LESSER SPOTTED WOODPECKER.

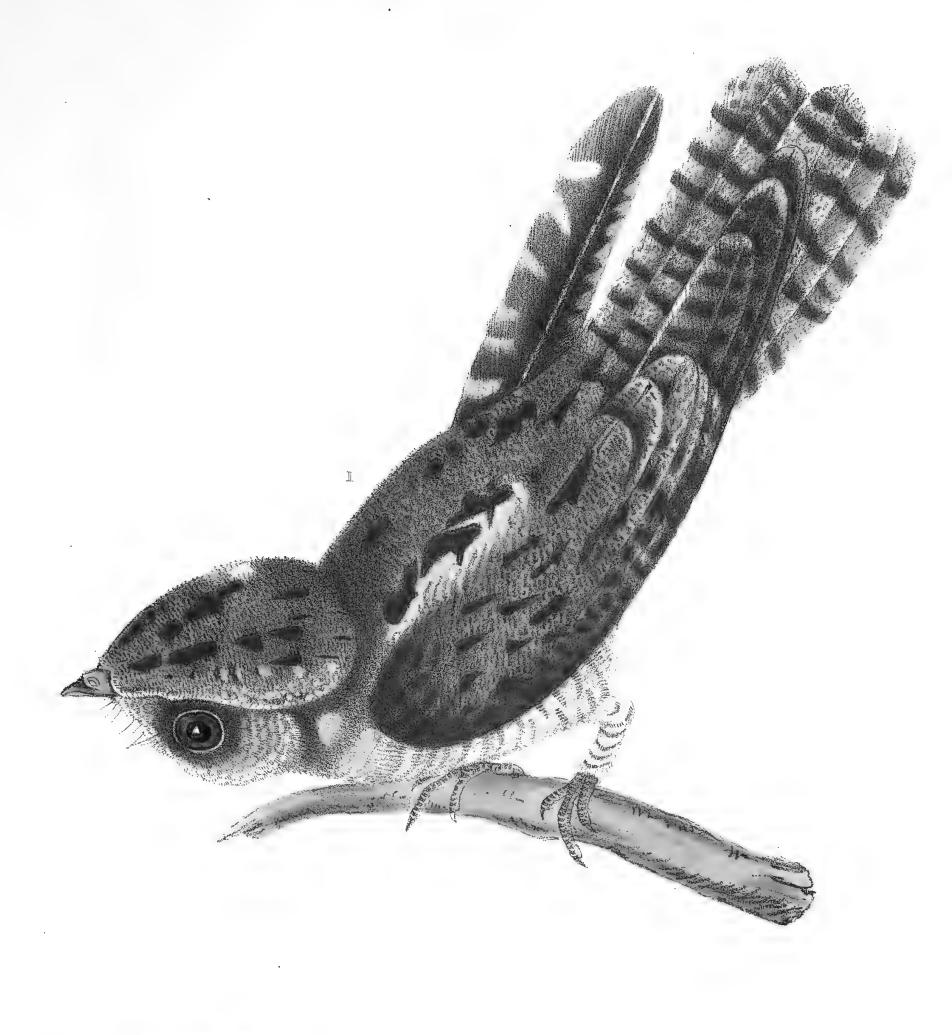
1.Male._ 2.Female._ 2.a. Wing._ 2.b. Tail.

Pub! by Treuttel & Wurtz Soho Square.

• . •

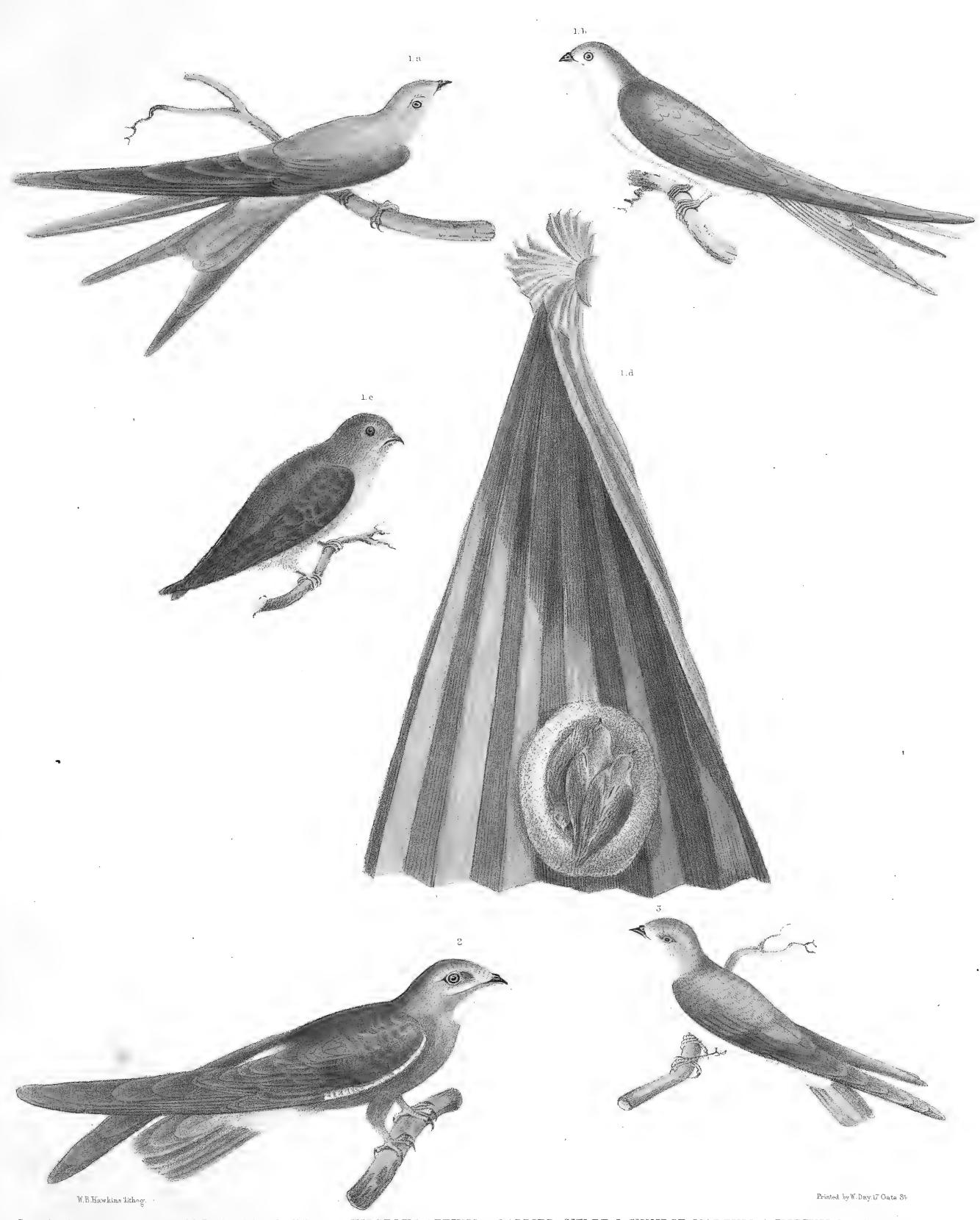








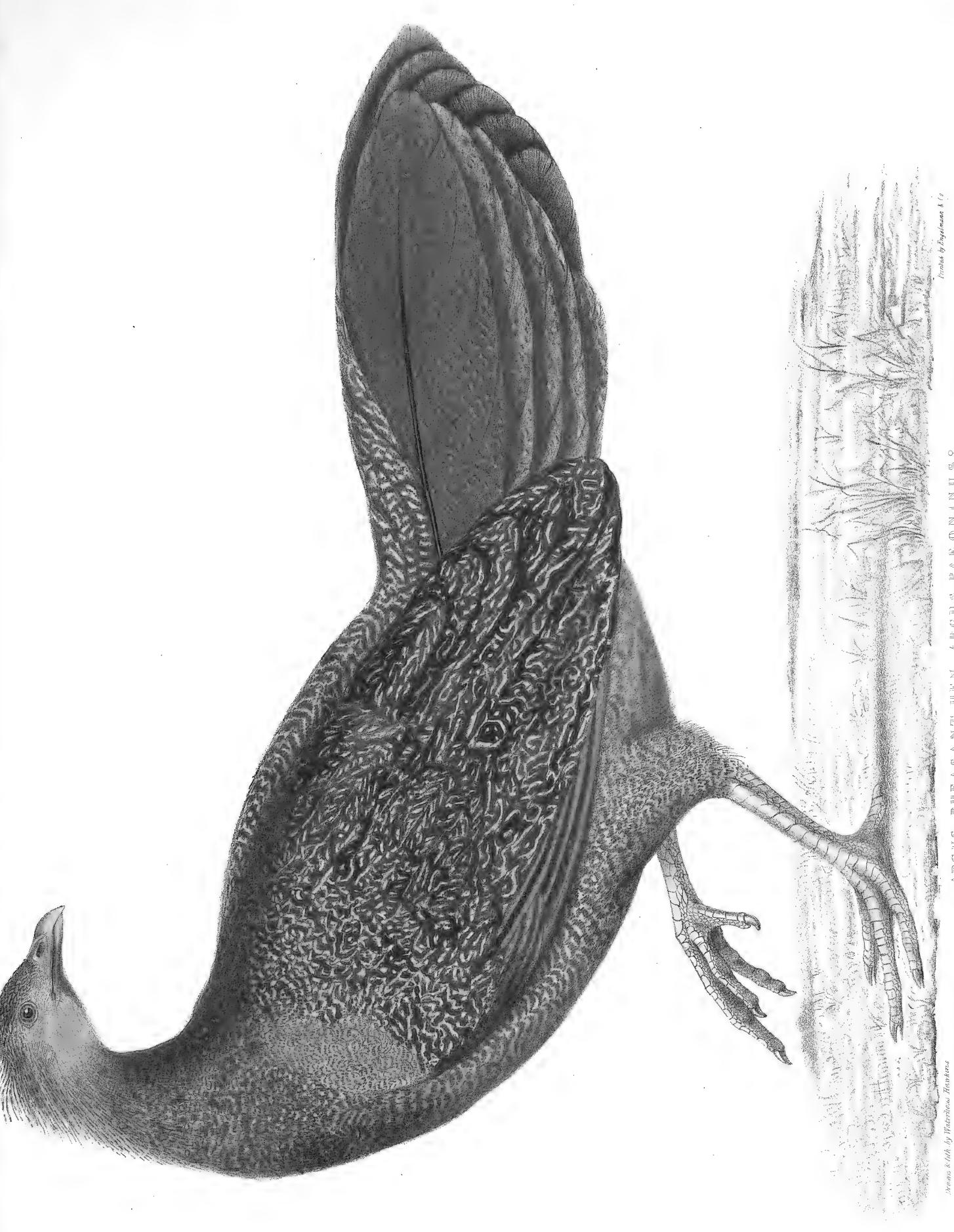




1.BALASSIAN SWIFT. CYPSELUS PALMARUM.n. 2.CYPSELUS AFFINIS.n.. 2.ALLIED SWIFT. 3. CHINESE MARTIN. Lath. HIRUNDO CHINENSIS.n.

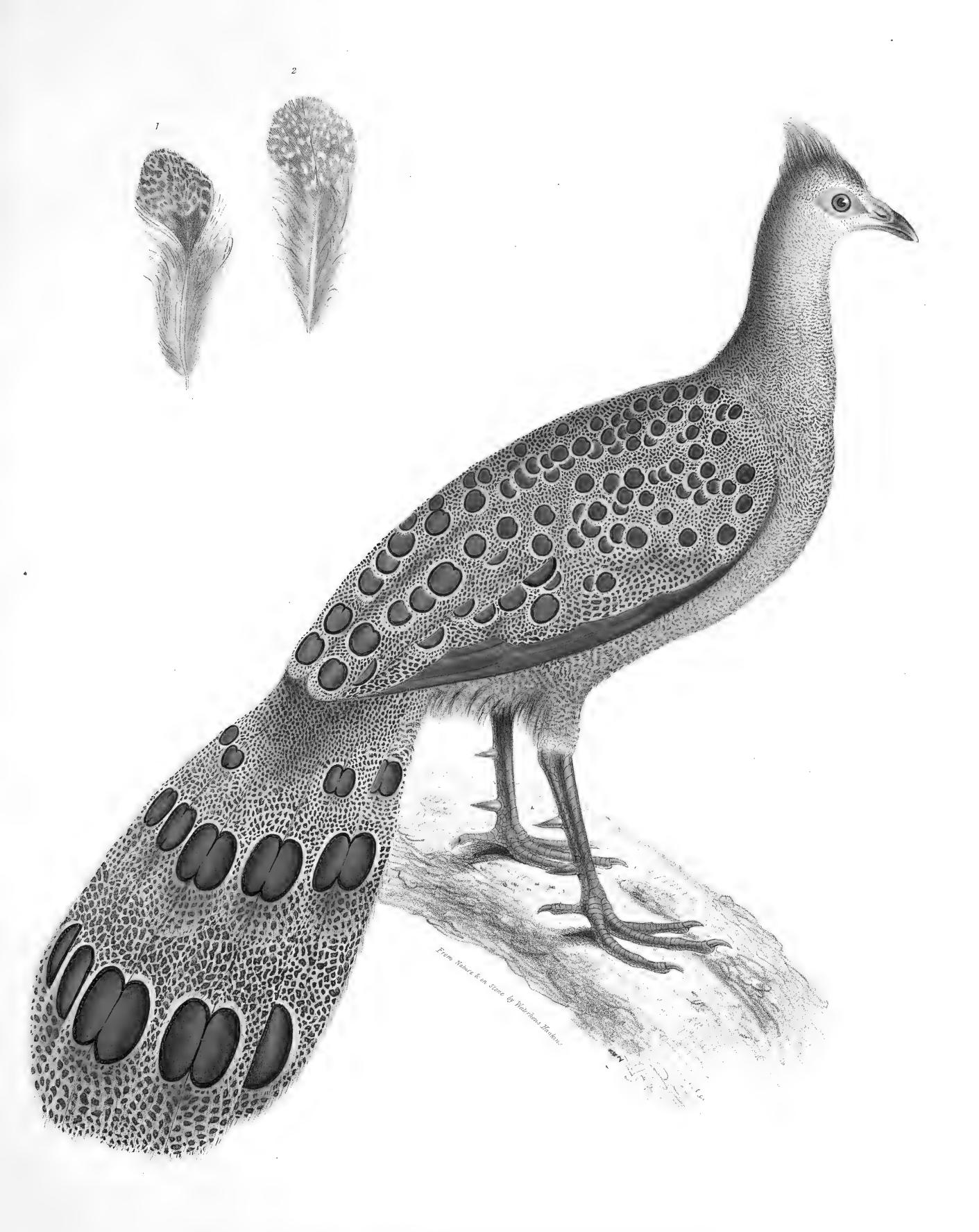
1.a Male_1.b Female. (lc.1.d.) Young & Nest on Palm Leaf.

Published 1829, by Parbury, Allen & Contradentall Street.



PREDER ARGIN PARONANTE ARGUS PUBASAN



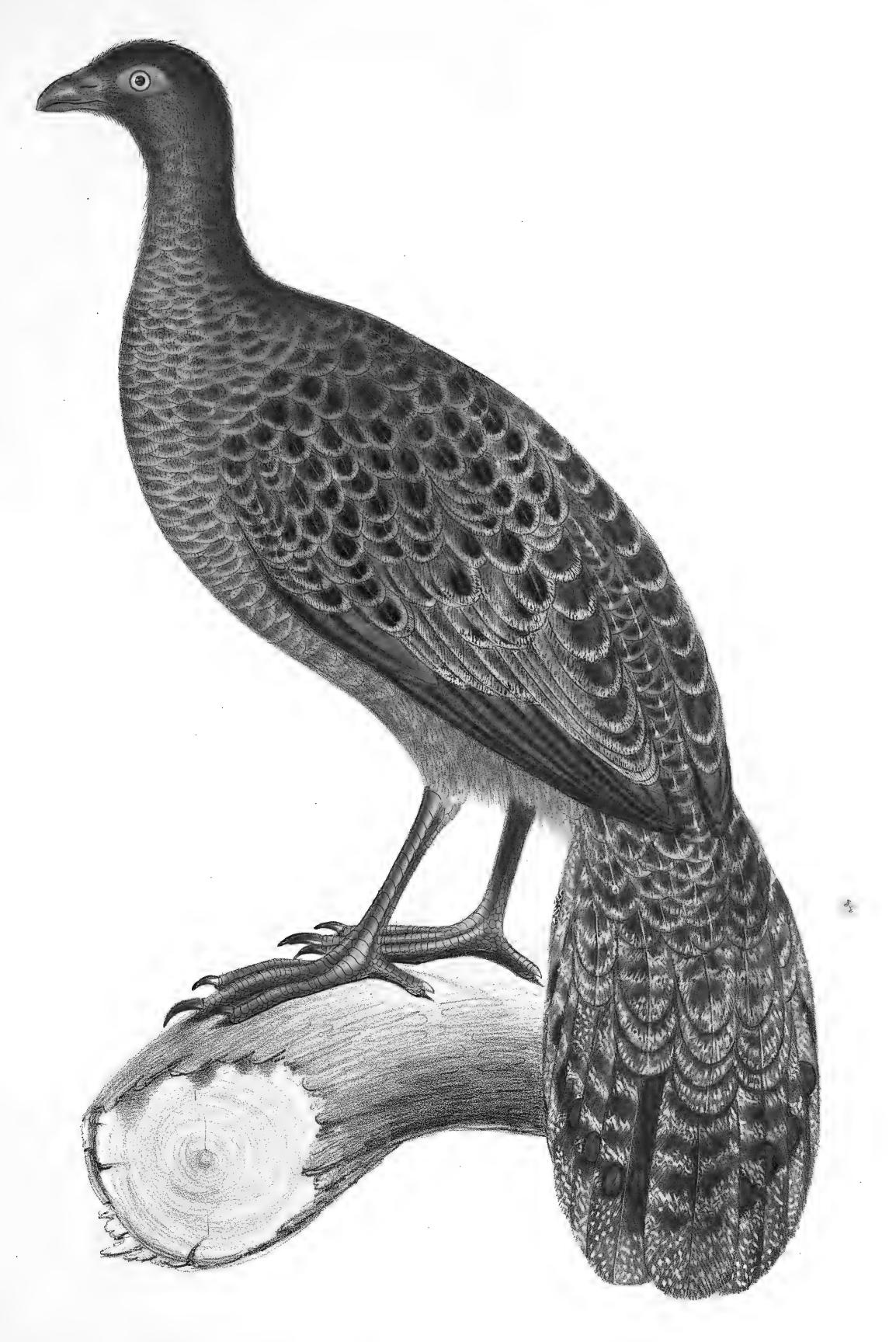


HARDWICKES POLYPLECTRON - POLYPLECTRON HARDWICKII Gray.

• f •

.

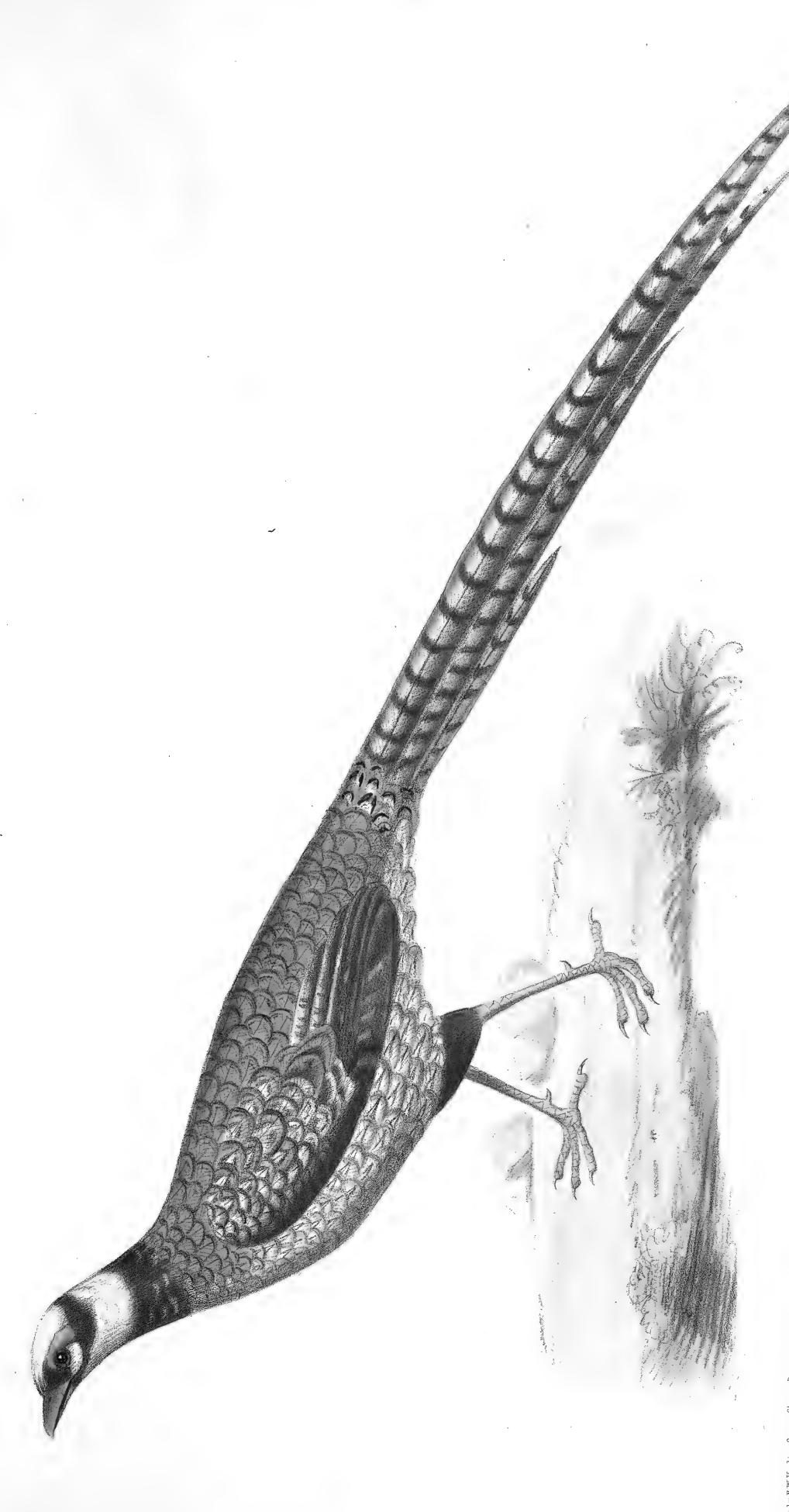
•



Drawn & hih! by Waterhouse Hawkins.

Printed by Engelmann & Co.



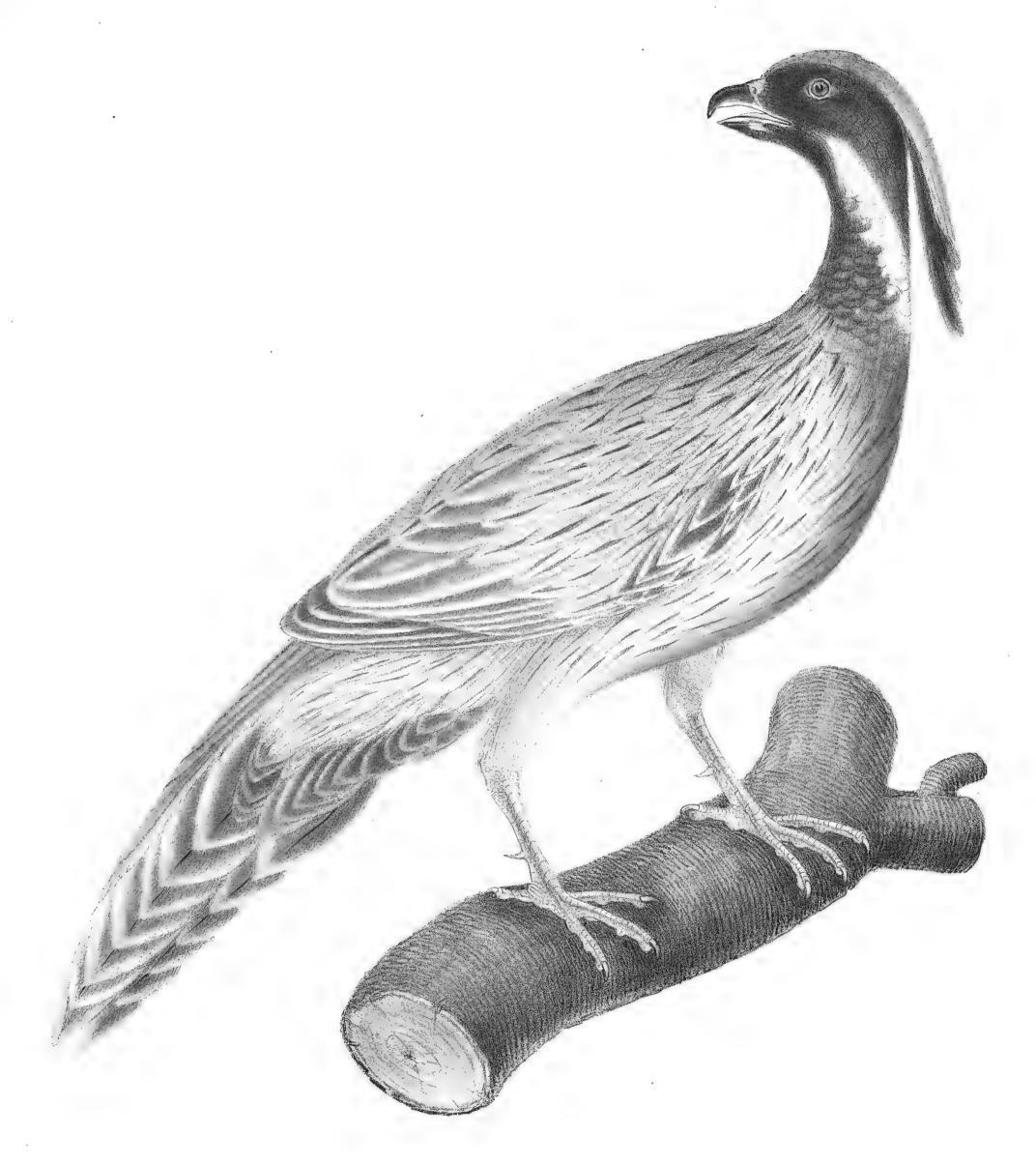


on Stone by R.W. Hawkins, from a Chinese Drawing. made under the Inspection of M. Reoves from a living Bird.

PHASIANUS REEVESII, n. REEVESS PHEASAN China.

Published 1st June 1829 by Parbury. Alten & Co Leadenhall Street. Printed by W.Day.II Goto St





B W. Hawkans lithog

Printed by Engelmann &

PHASIANUS PUCRASIA 'n. PUCRAS PHEASANT, Lath.

ALMORAH WELLS, CALLED PURRAS

Published June 1, 1829, by Parburry, Allen, & Co'Leadenhall St. London.

. . · · · . . ,



INENTED PHICASANT Lath Phialidge Nepaulese Nepaul.
Rhalidge Nepaulese Nepaul.
Rhahanson to Sandary, Allen & C. Leaden to Anton C. Leaden to Anton A. L. E.

. •

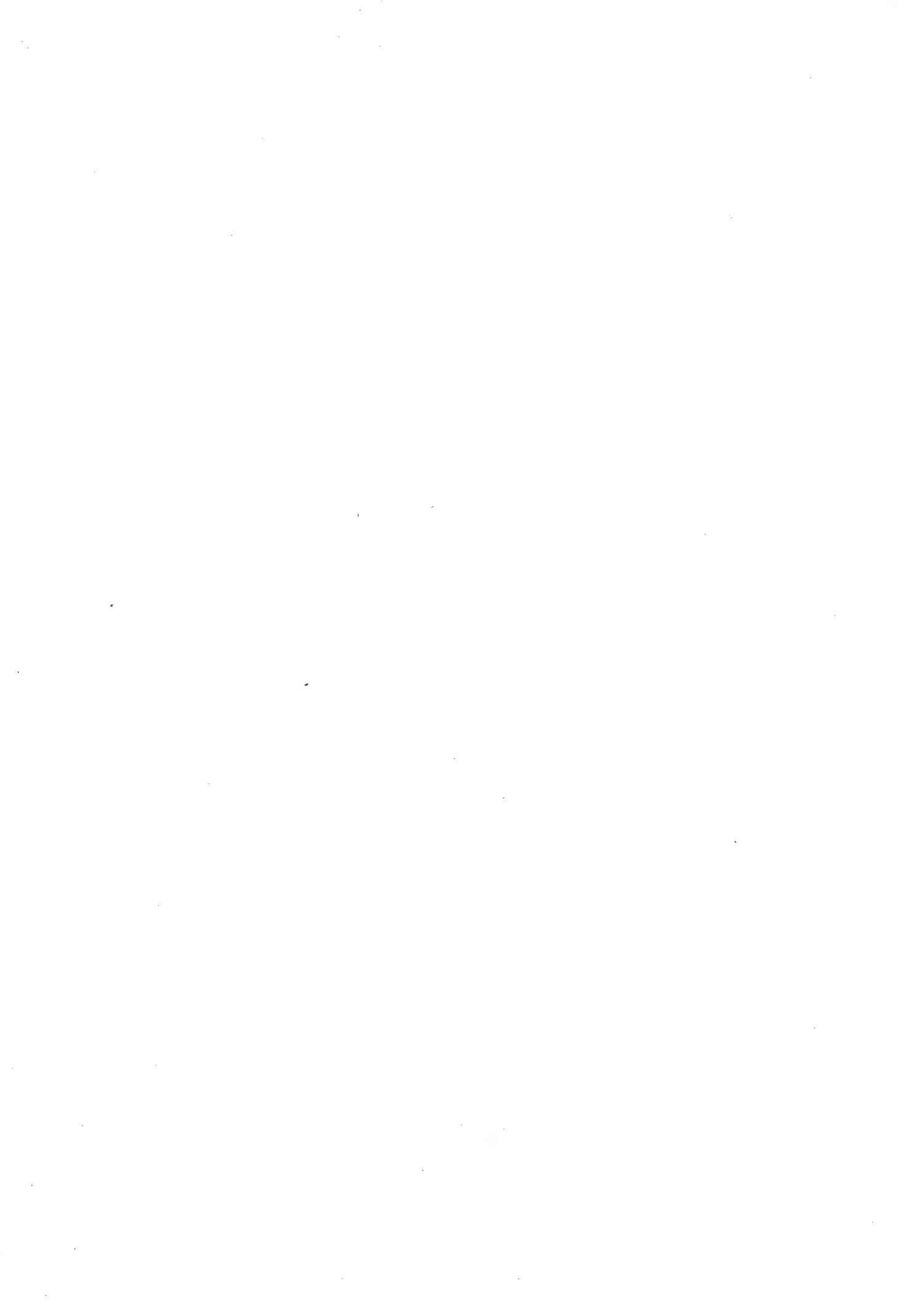


PHASIANUS PURPURKUS.n.PURPIR PHEASANT-PENANG.

.

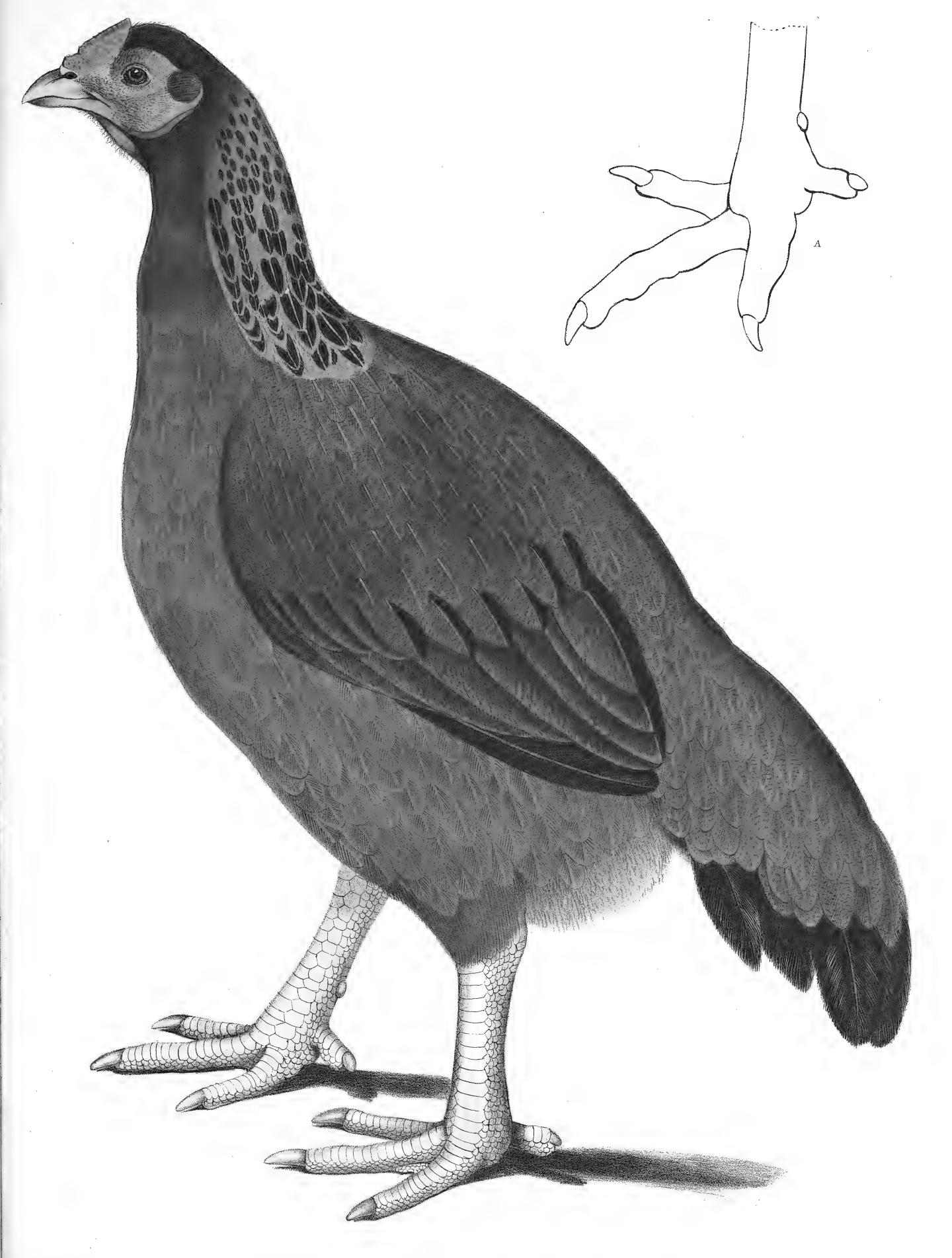
GALLUS STANLEYI STANLEY HEN.

GAILLUS FURCATUS, Temm Prair \$5 lit by Faterhouse Hankin; JAWAN HIEN. Java









MALABAR HEN. Lath Hist. GALLUS GIGANTEUS ? Temm.

Common in the Doab. 4/5 ths Natlength. A. Foot Nat Size.

• • • • .



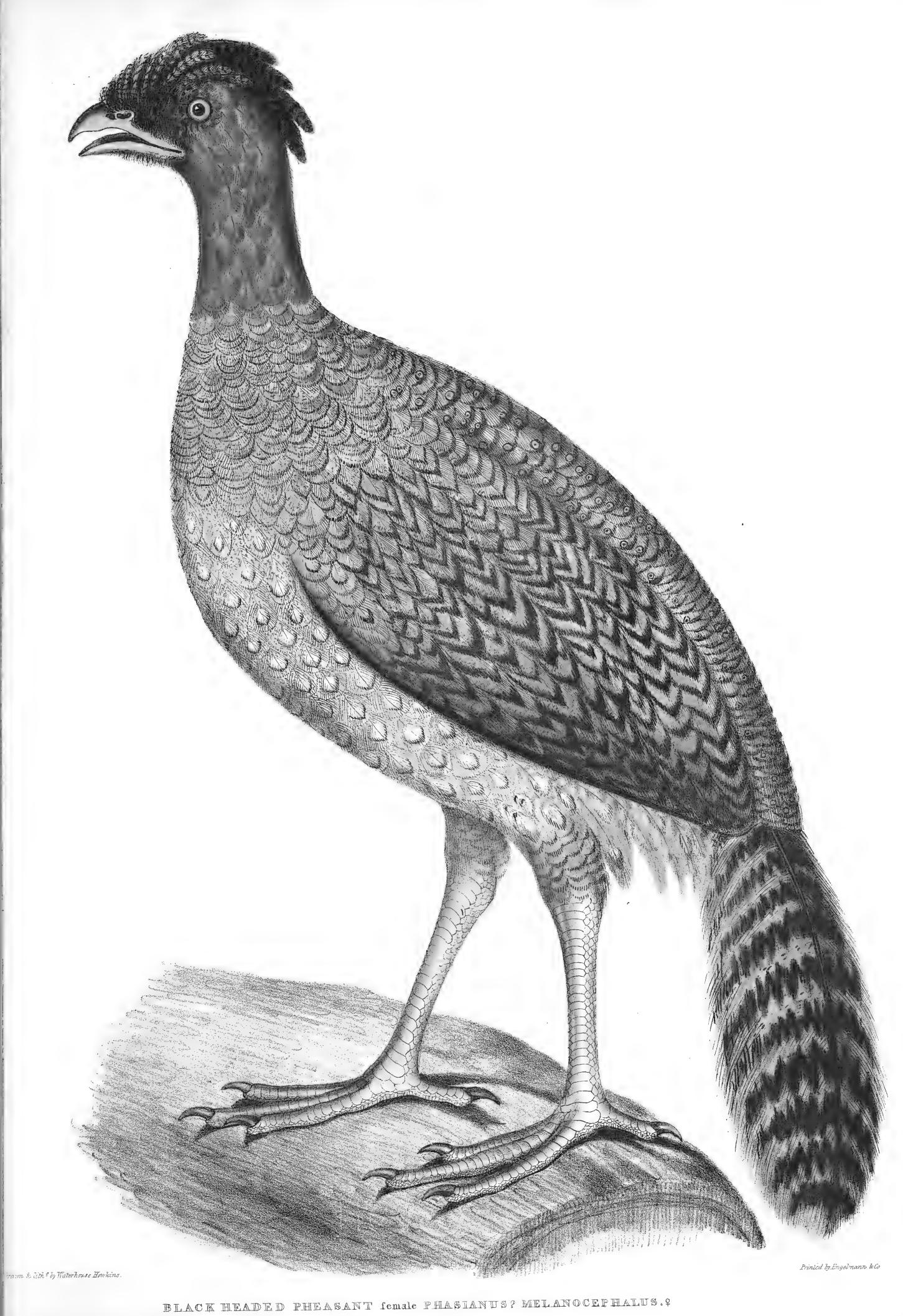
BLACK HEADED HORNED PHEASANT. SATYRA MELANOCEPHALA.

Adult male.





. • . . • • • • ,



N. A. •





Drarwn & lith. by Waterhouse Hawkins.

Printed by Engel mann & Co.

CHINESE HORNED PHEASANT. SATYRA TEMMINCKII male.

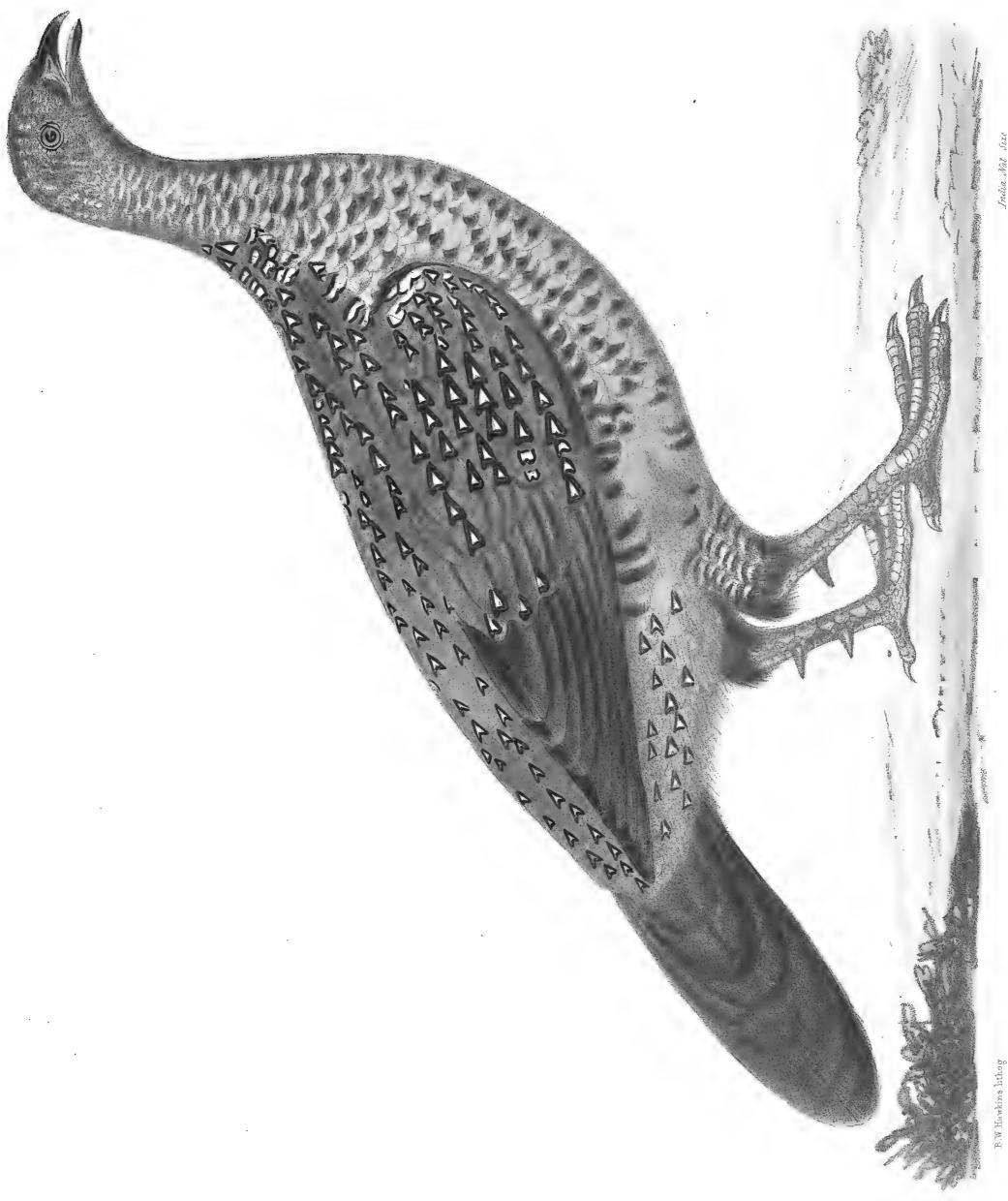
3/4 Nat_length

. .



BENGAL HORNED PHEASANT. SATYRA LATHAMI.





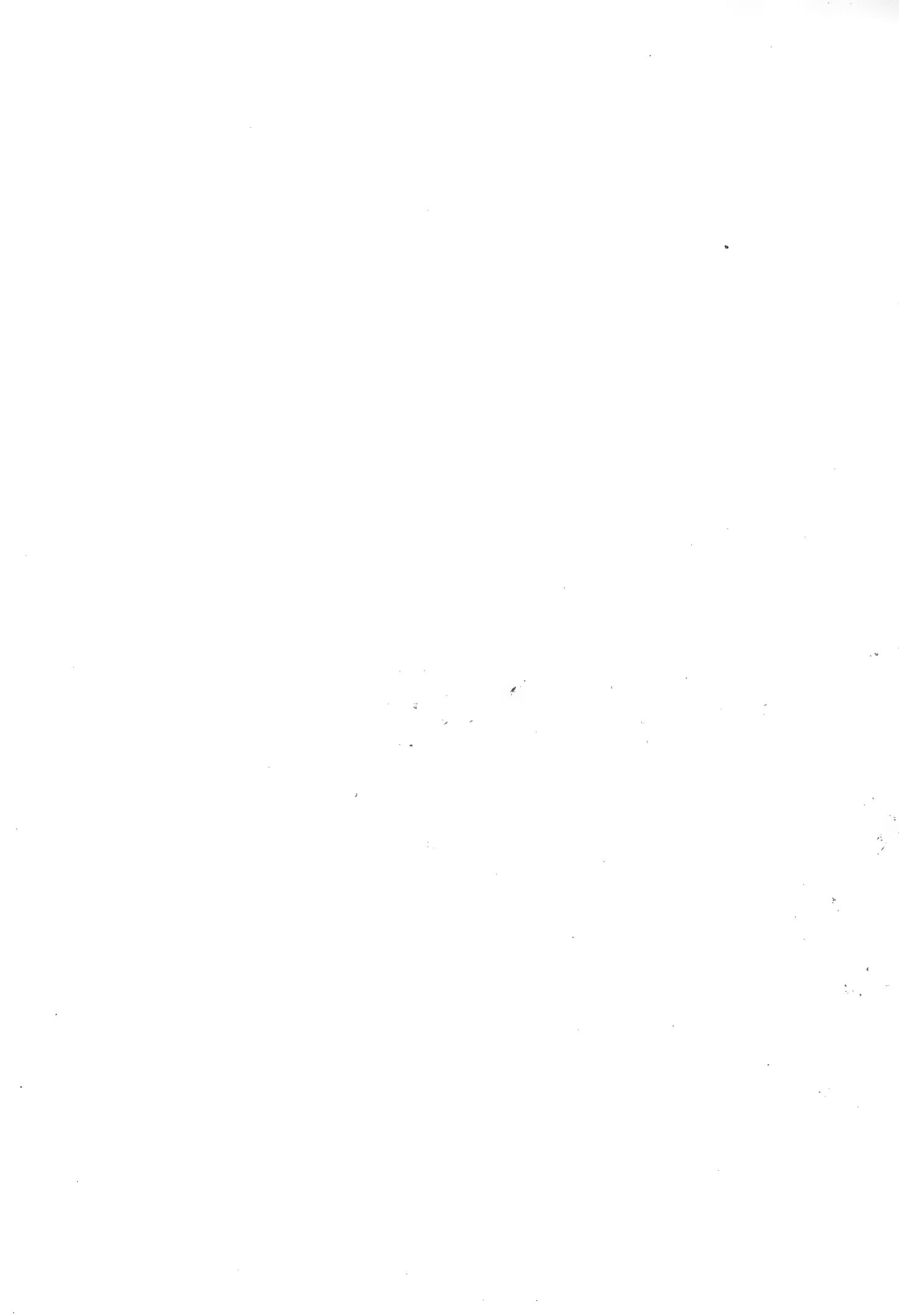
CURRIA PARTRIDGE, - PRRDIX HARDWICKII, Gray.

Published 1829, by Parbury, Allen & C'Leadenhall Br.º Frinced by W Day IT. Gate St

. .



1. CONCENTRIC FRANCOLIN (female) PERD LX CONCENTRICA. 2. JAVANESE PEACOCKS (Head)

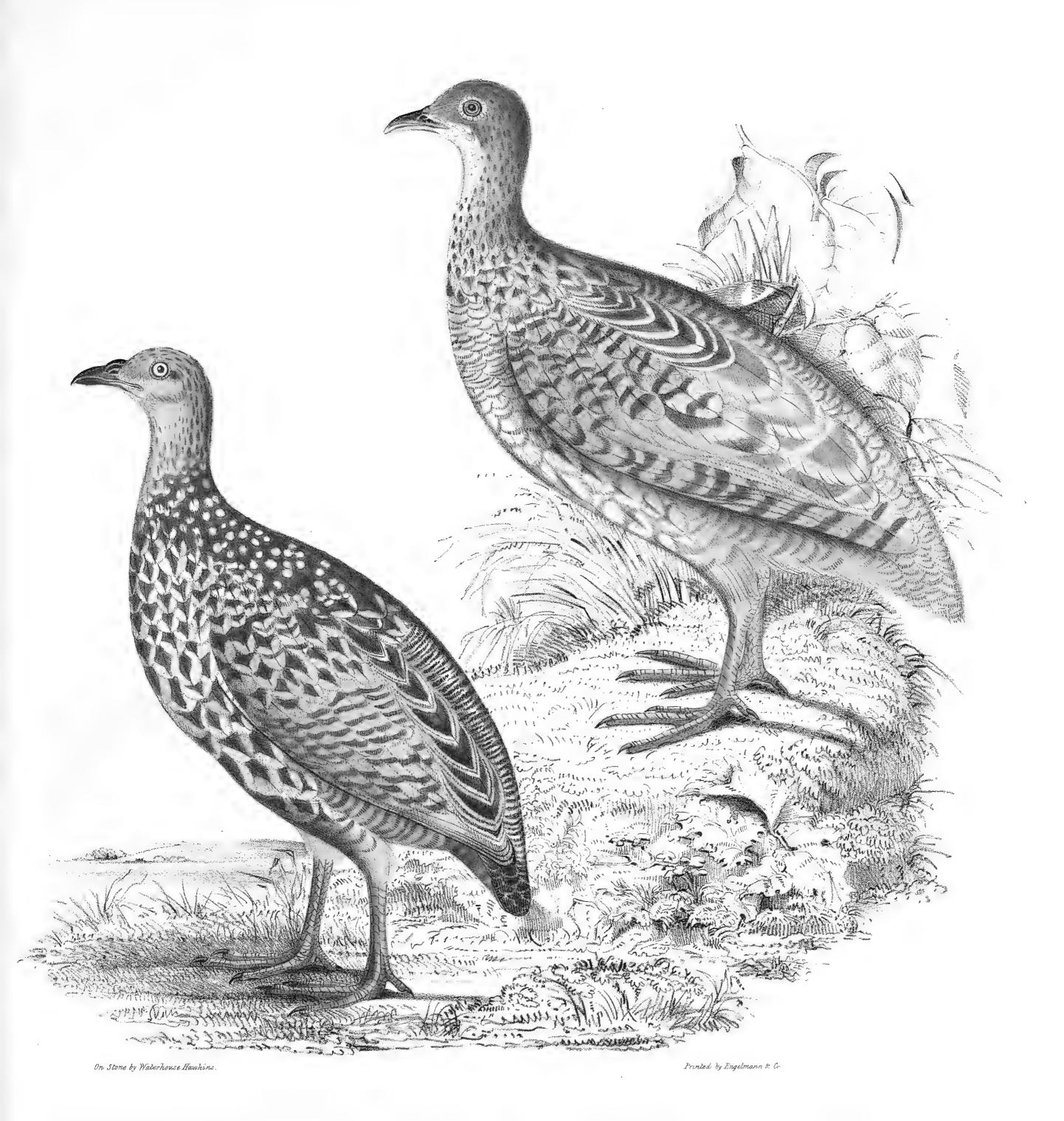




Frida Candrar Gar India Not Size.

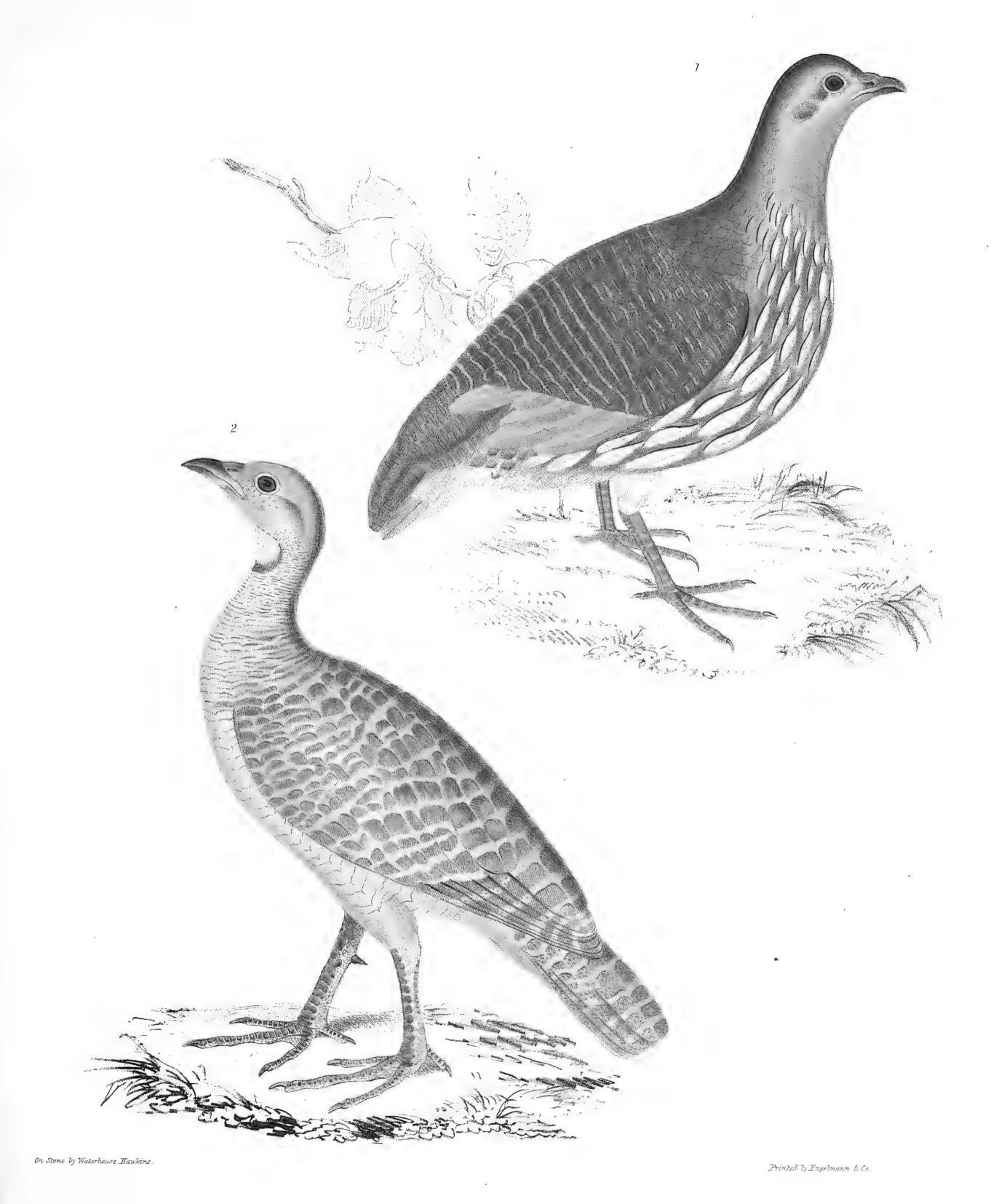
Fronthe Will by Lordary Alber R. C. Linaderhall Sires

.



I.HEPBURNS FRANCOLIN PERDIX HEPBURNII 2.PERDIX HEPBURNII var PALLIDA ODYPORE.

		•
	• •	
		•
•		
•		



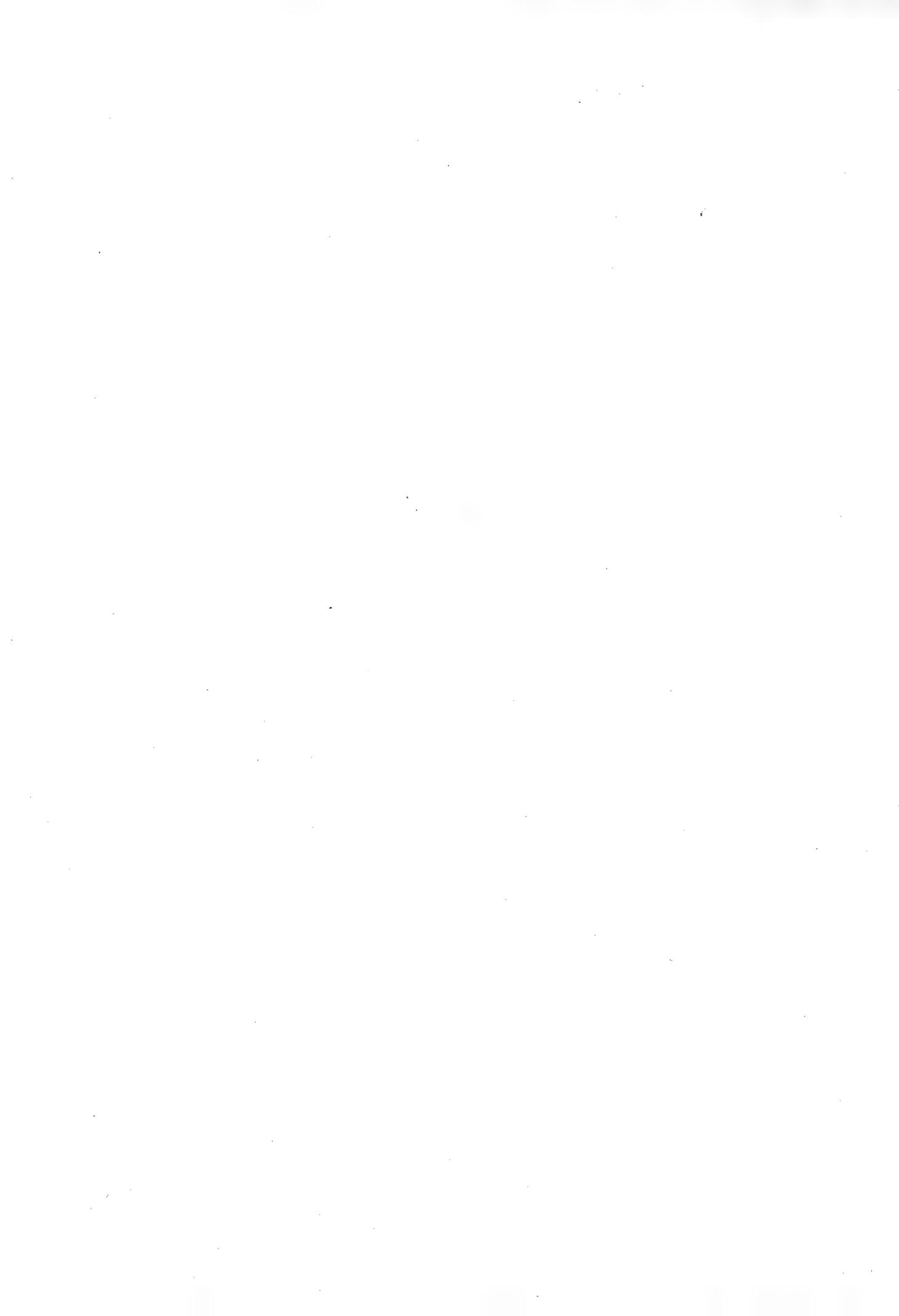
1.WOOD PARTRIDGE) PERDIX GULARIS(Temm) 2.ORIENTAL PARTRIDGE PERDIX ORIENTALIS (Lath Hist.)

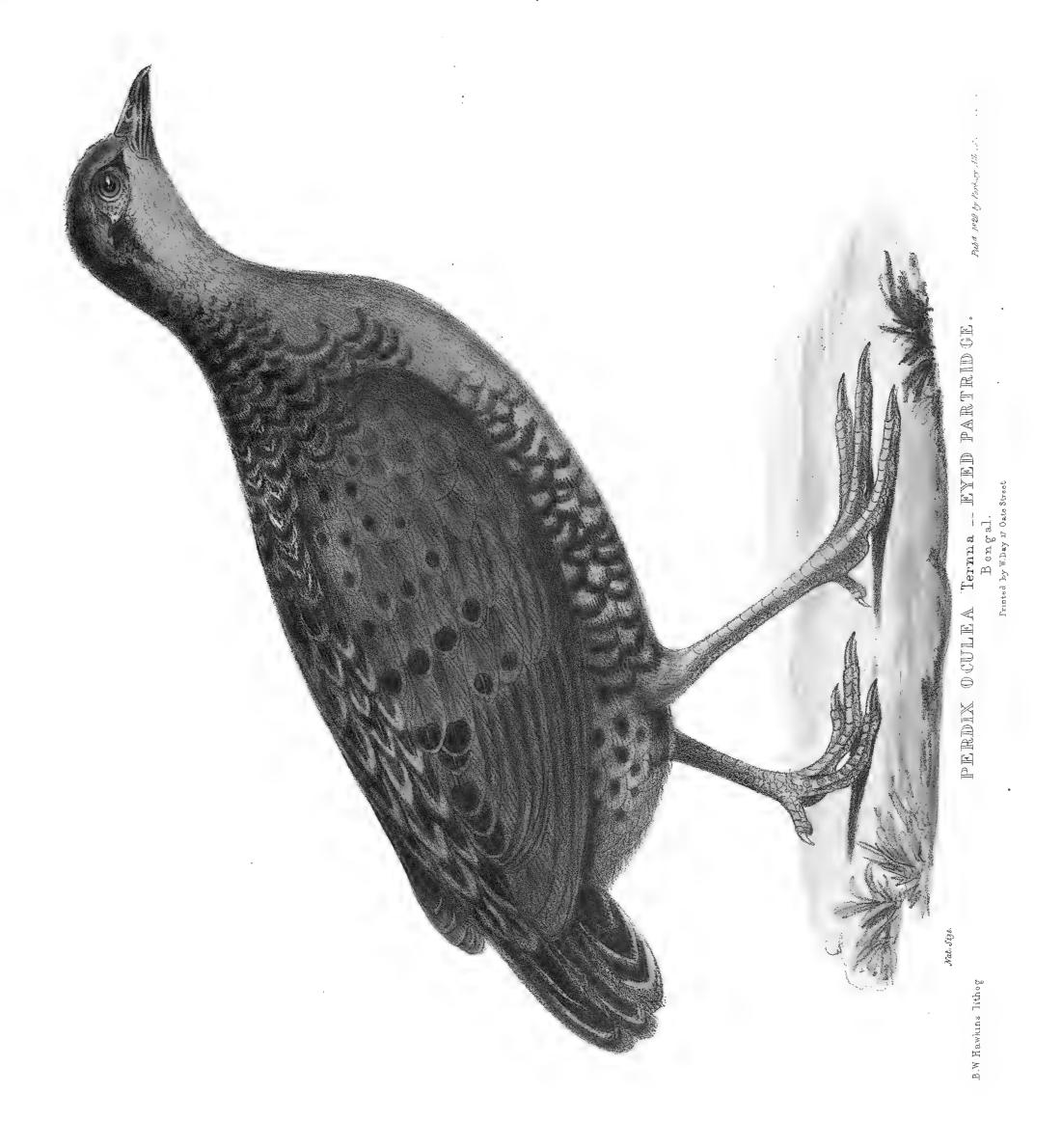




PREDIC ONIVACEA NOLIVE PARTRIDGE Lathu

Published 1829 by Parhury Allen & \mathcal{C}^{σ} Leadenhall Street. Frinted by W D ay 17 Gate Str^{ψ}





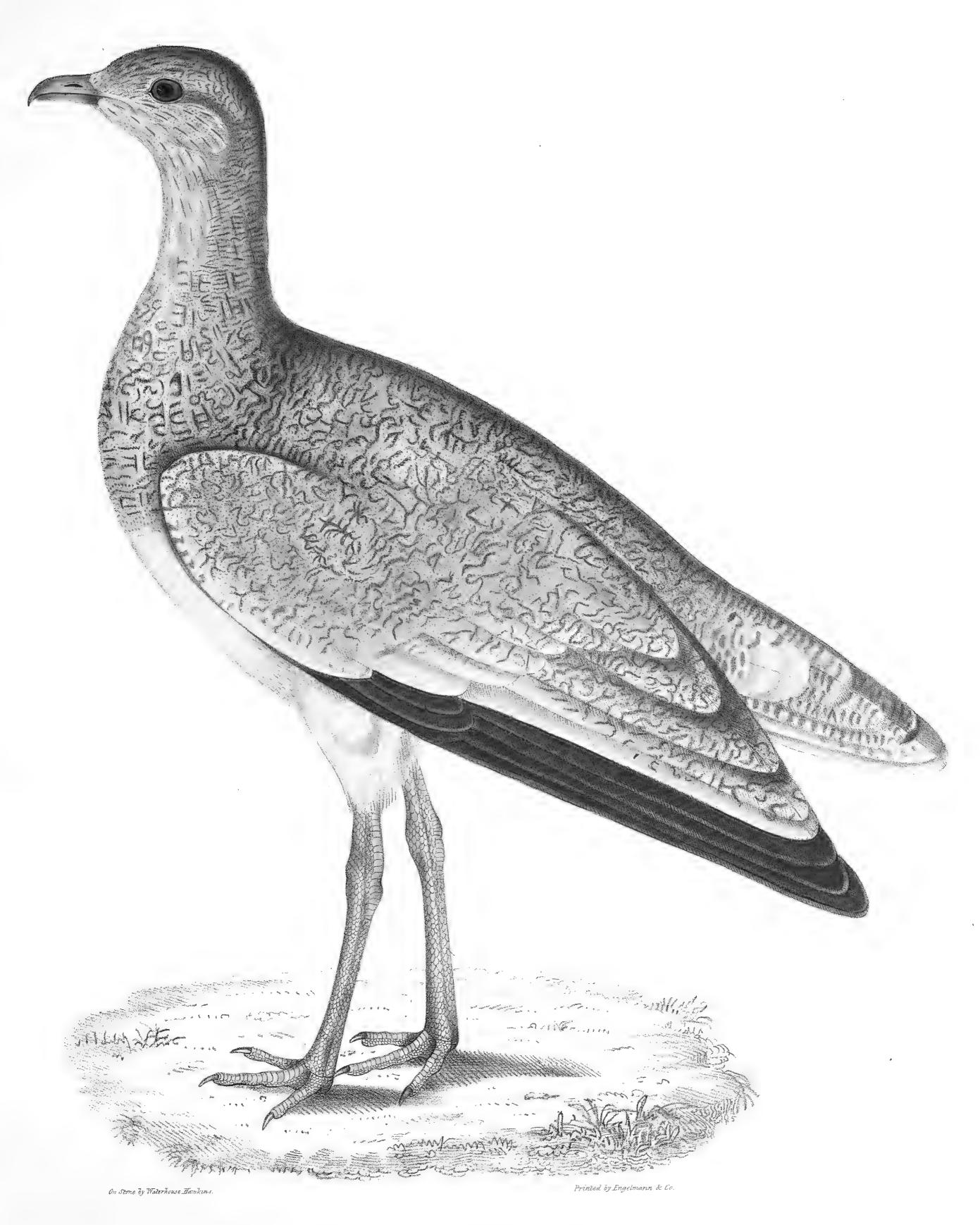
• • • • . . • •



EDWARDS'S BUSTARD. OTIS EDWARDSII.

/2 Nat_length

	•	
	•	
		_



MARBLED BUSTARD OTIS MARMORATA.

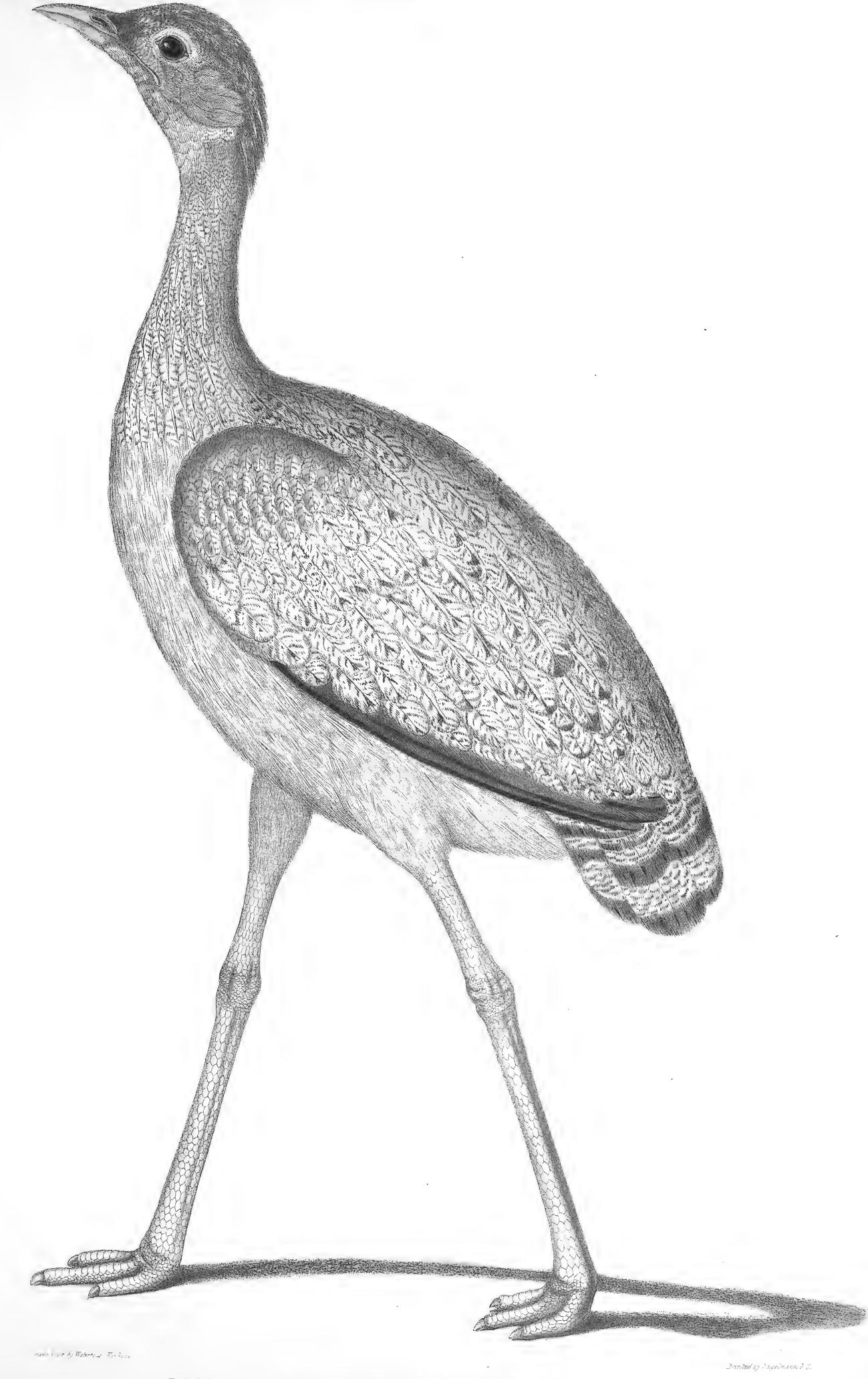
			·				
				,			
•							
•							
	,						
		,					
						·	
					,		
							•



DELICIOUS BUSTARD male OTIS DELICIOSA.

2/3 Nat_length.

		`
		}.
•		



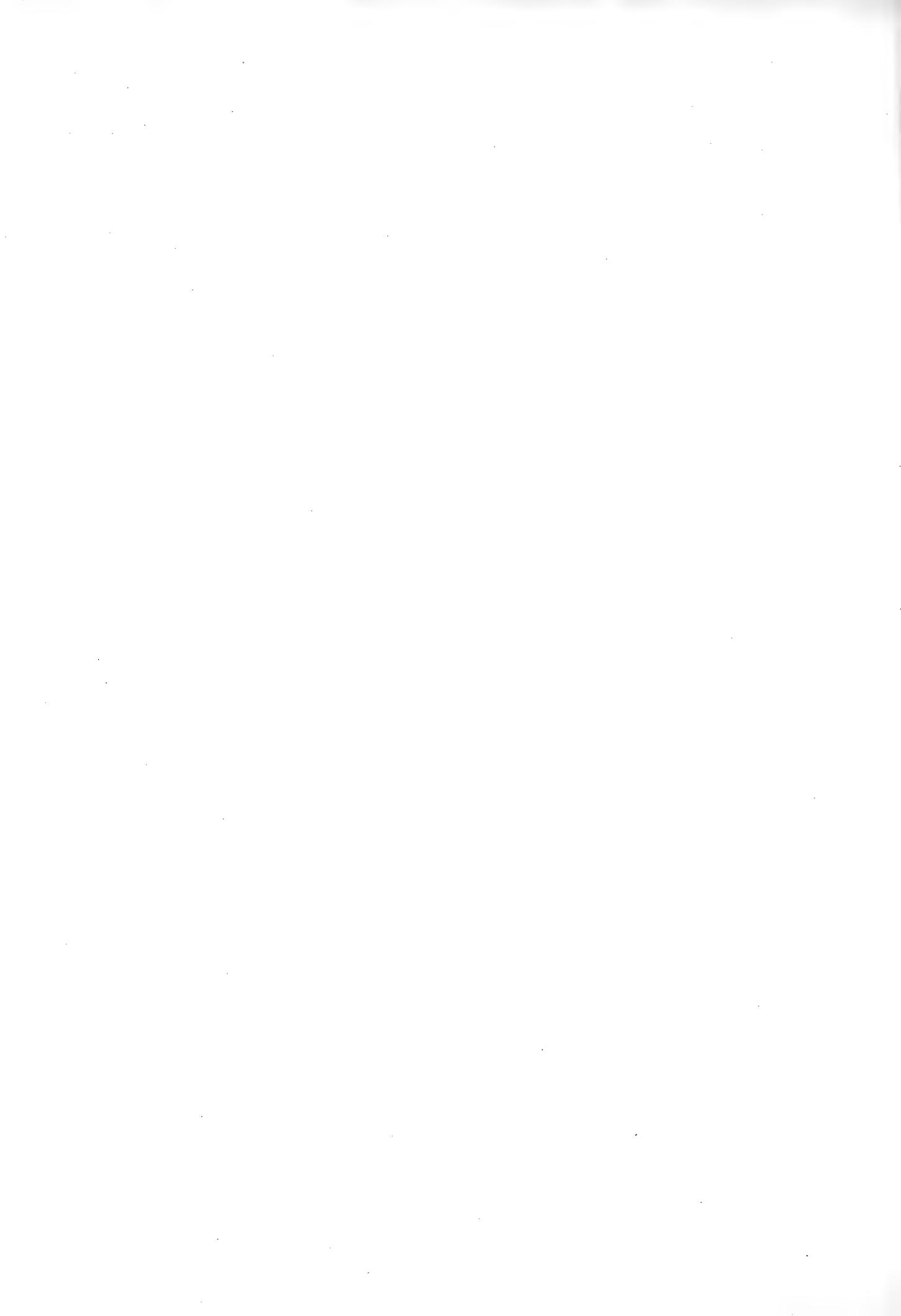
DELICIOUS BUSTARD. OTIS DELICIOSA.

2/3 Nat length.

	•		
			,
•			

SPUR WINGED FTOVER. Lath. CHARADRIUS VENTRALIS. Wagler.
Cawapore
1 Male 2... Female

l Male 2 ... Female Published ISLG by Parbur, Allin & C. Leadenhall Street





Printed by Engelmann & Co

•



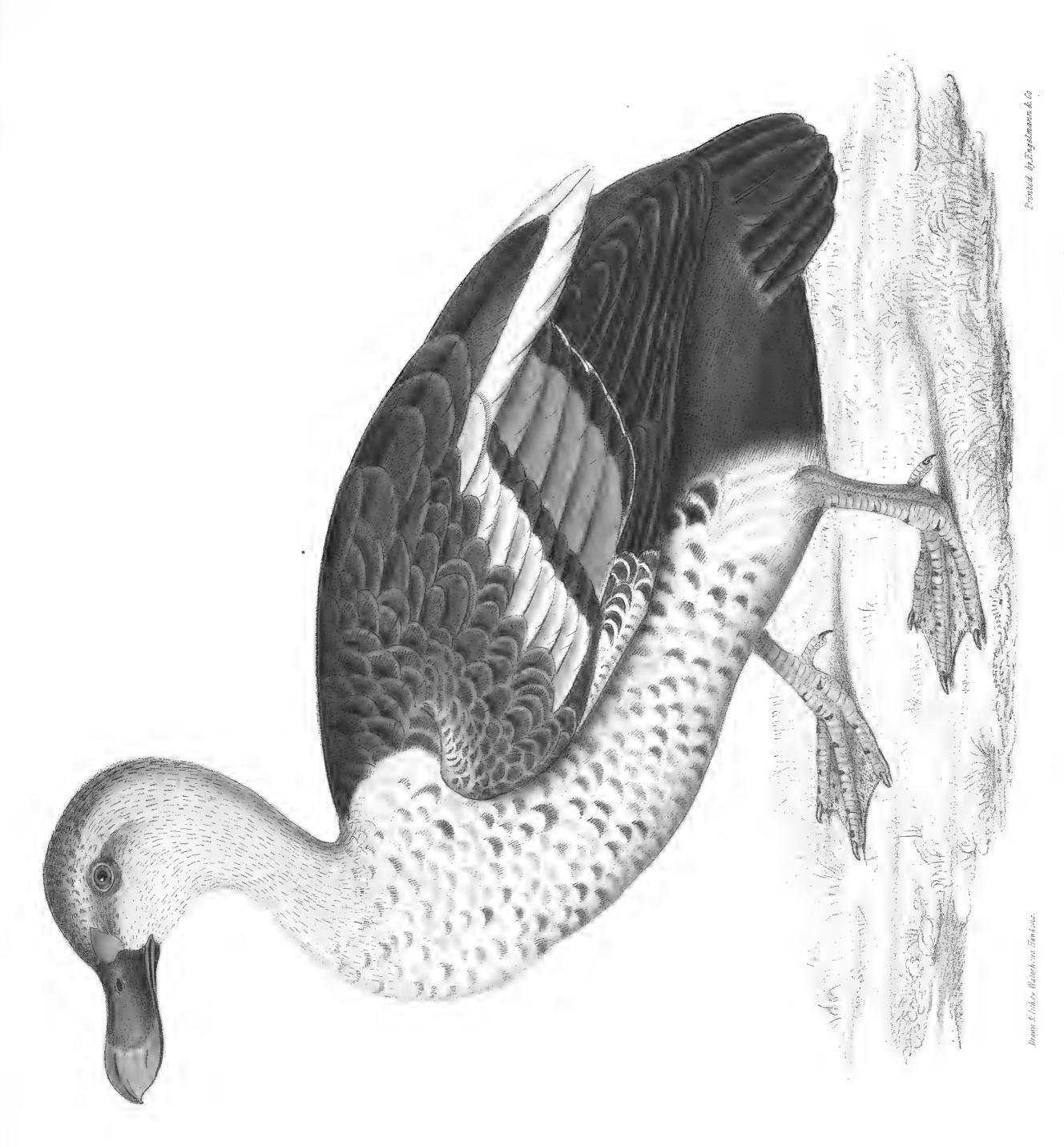
• *}* .

I. ARDEA CINNAMONEA. Lath. CINNAMON HERON. Young. Funchapur

2. YELLOW NECKED HERON. Lath. ARDEA FLAVICOLLIS. Wasler

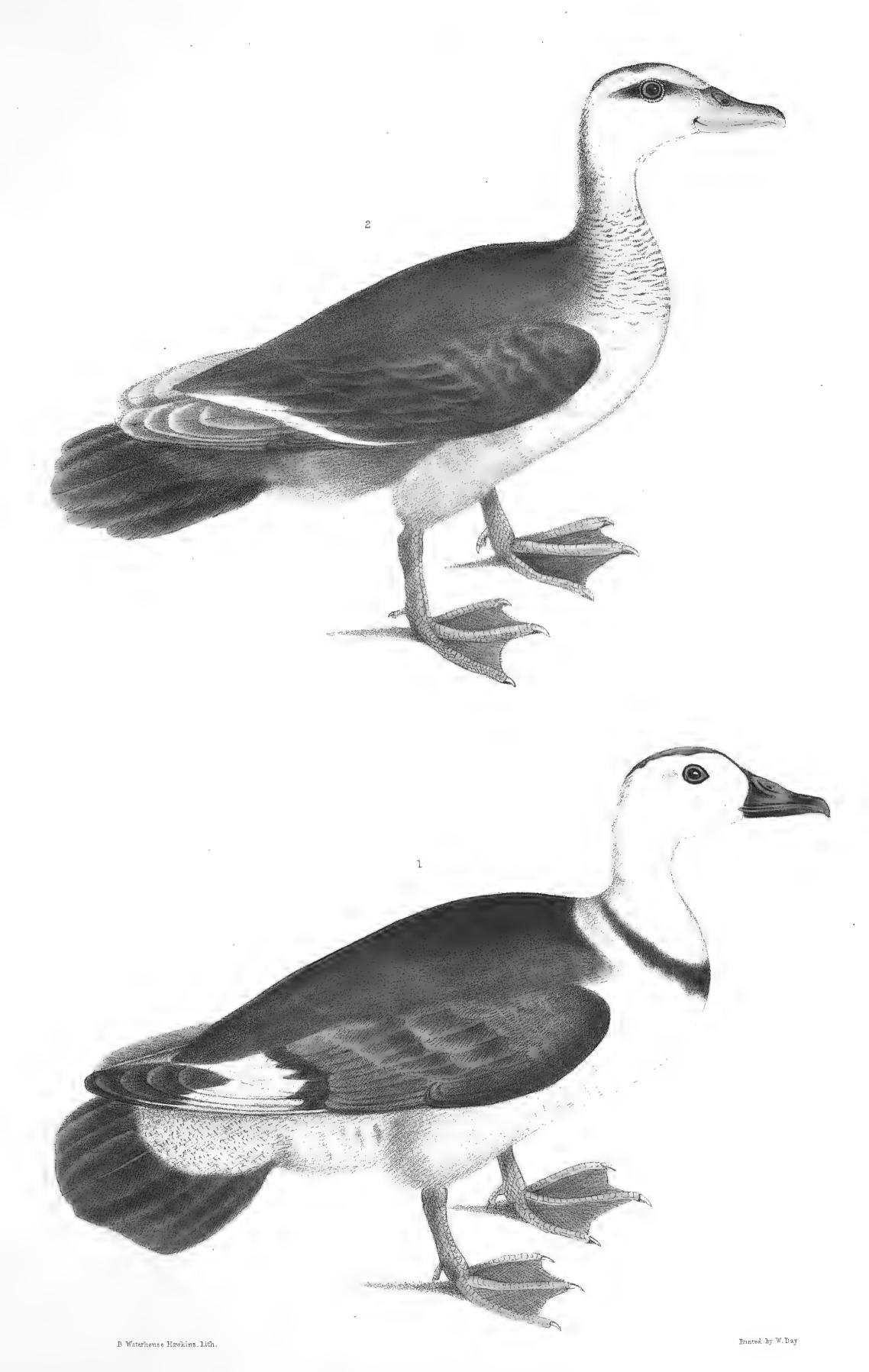
44 Nat. Sexe.





STOTTED BILLED DICKLAIN MAICANAS POECILORENAIA.

	*.			
				,
			:	
			,	
	•			
•				
				•
•				
		•		
•				
·				

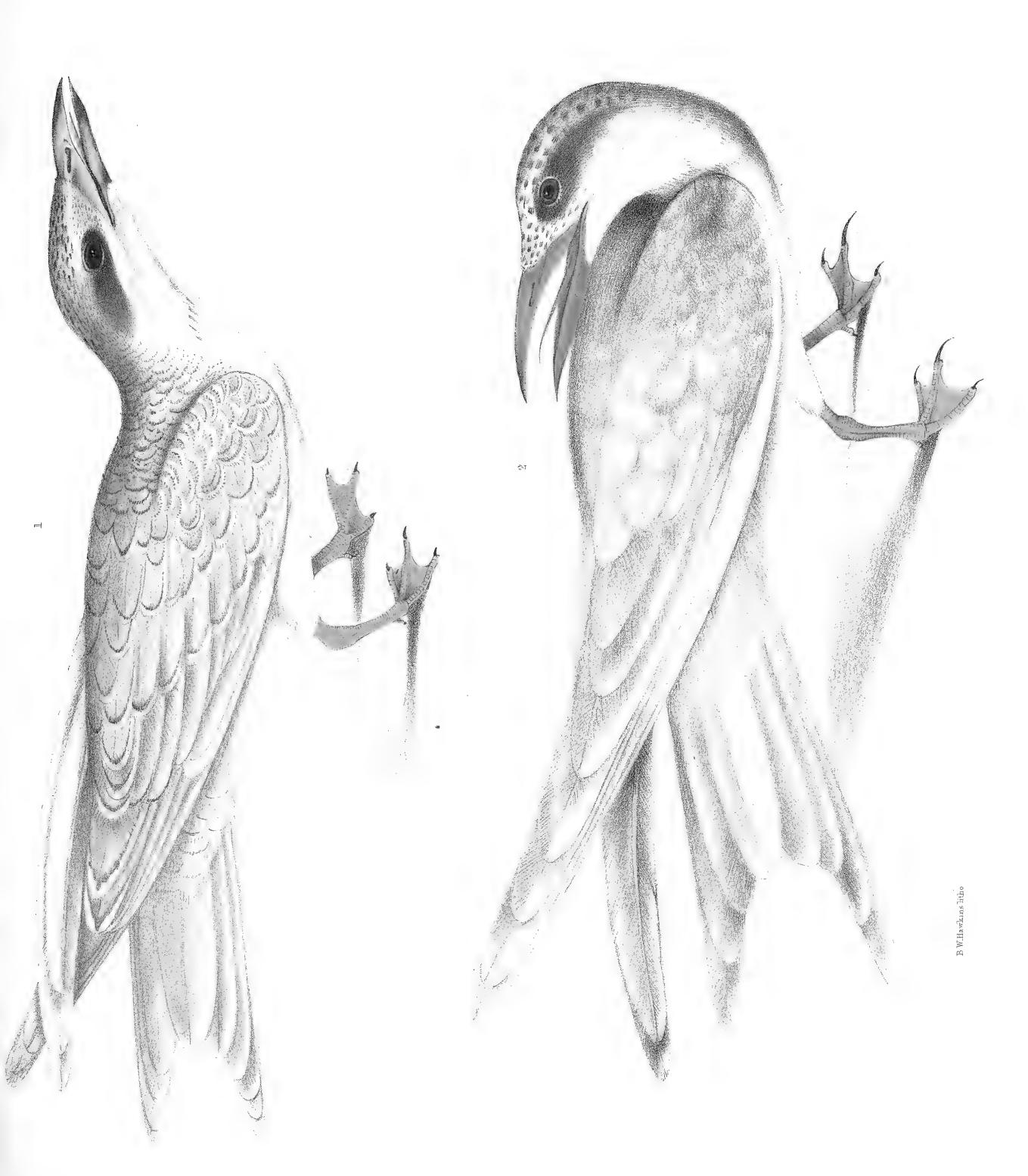


GIRRA TEAL . Lath . ANAS GIRRA . n .

1.... Male

Published 1829 by Parbury Allen & C. Leadenhall Street

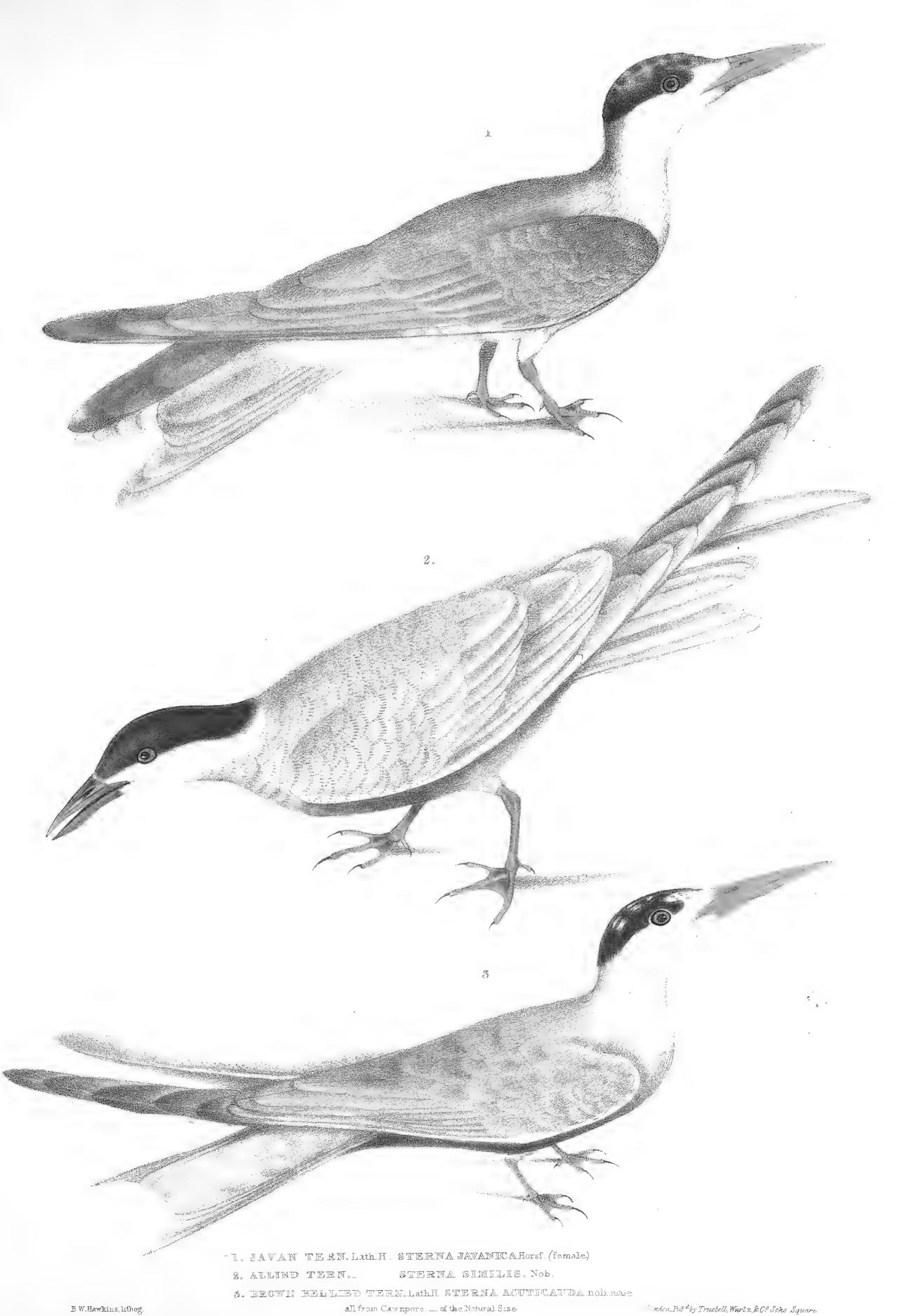




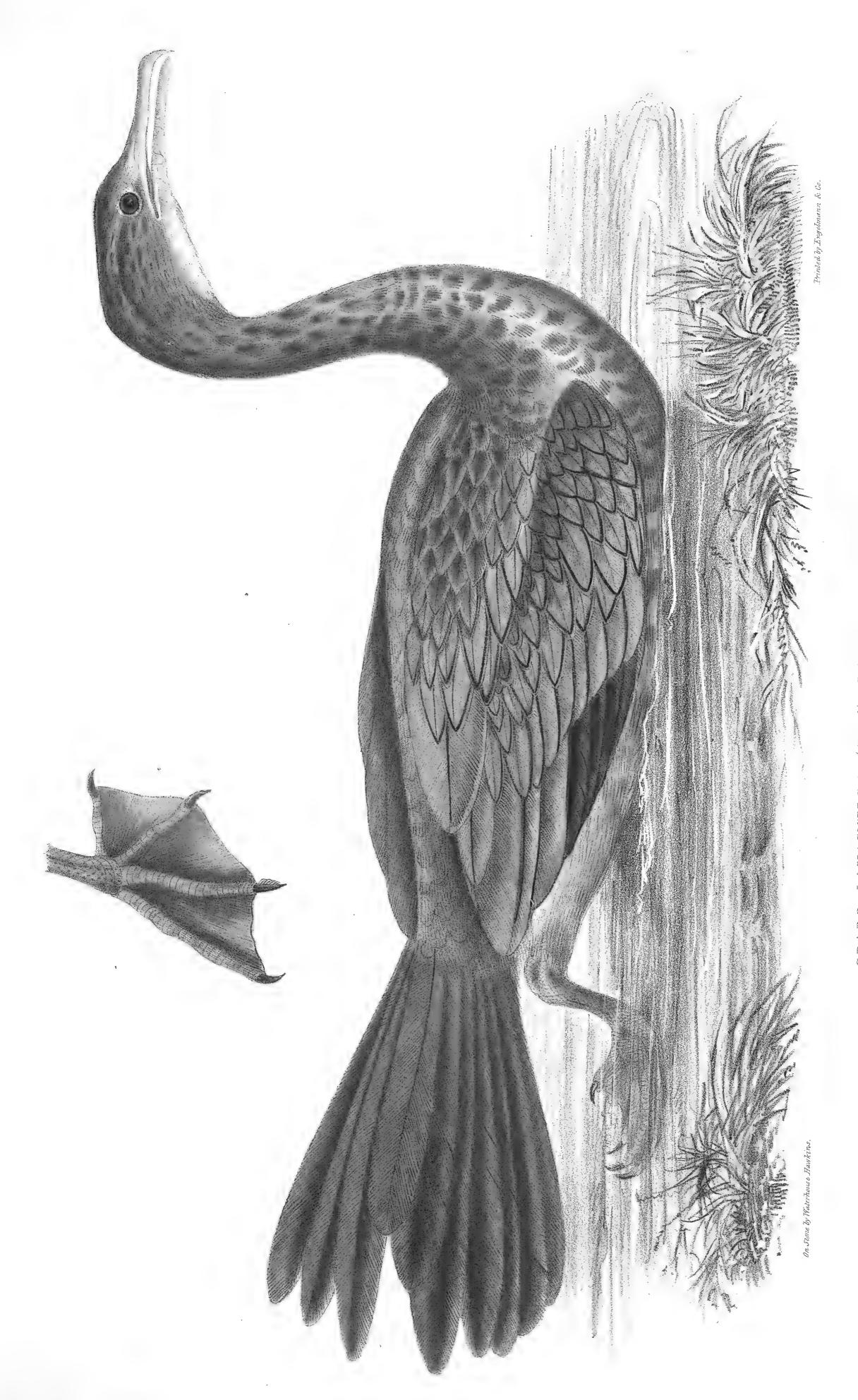
I. WAYED TERN, Lah H _ STERNA BERVIROSTRIS. Nob.

S. OR. STEEN STEEN STEEN AURANTIAN. Nob.

--. -•

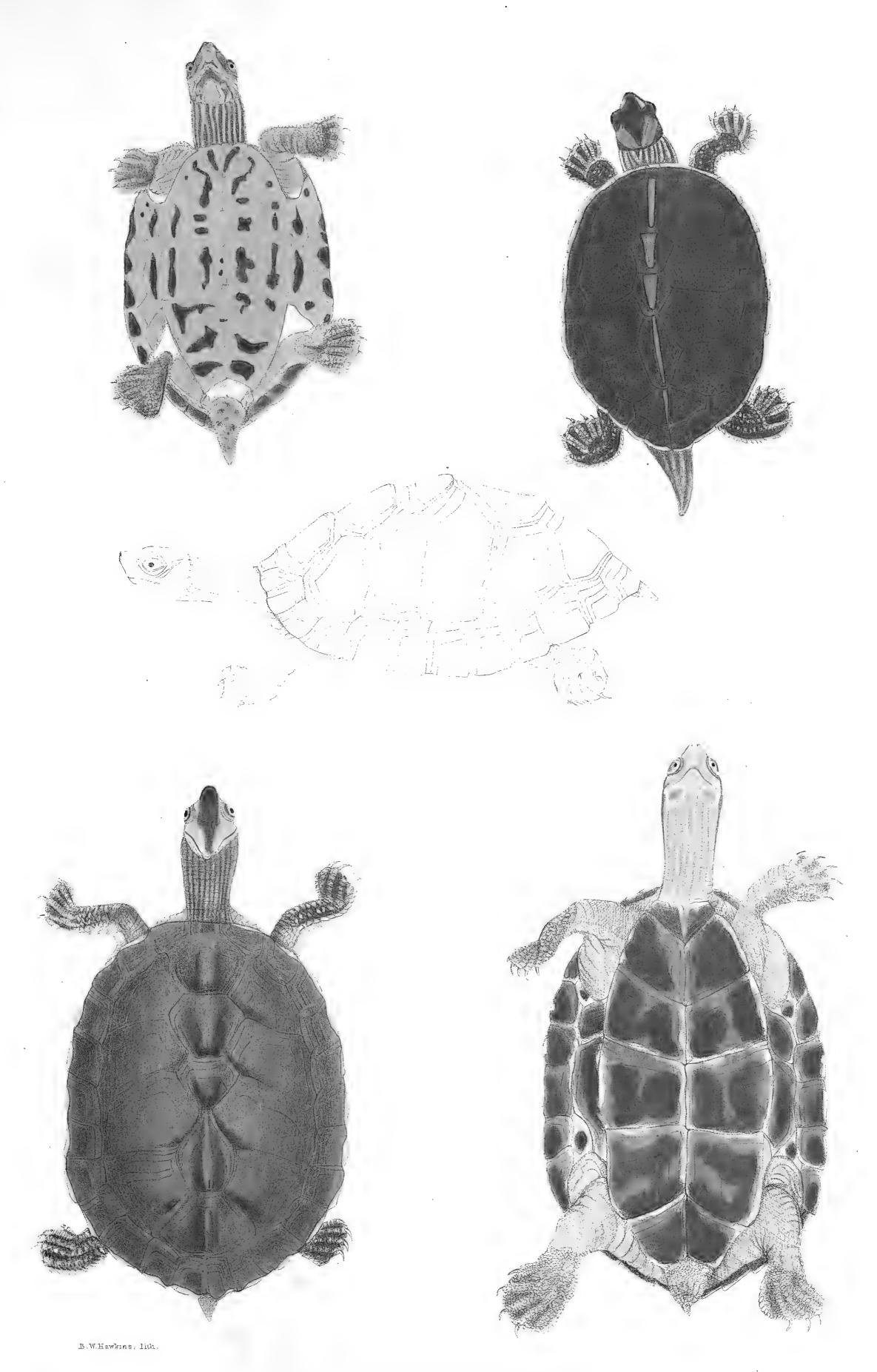






CRABO JAVANNICA (Horsf) JAVAN CORMORANT.

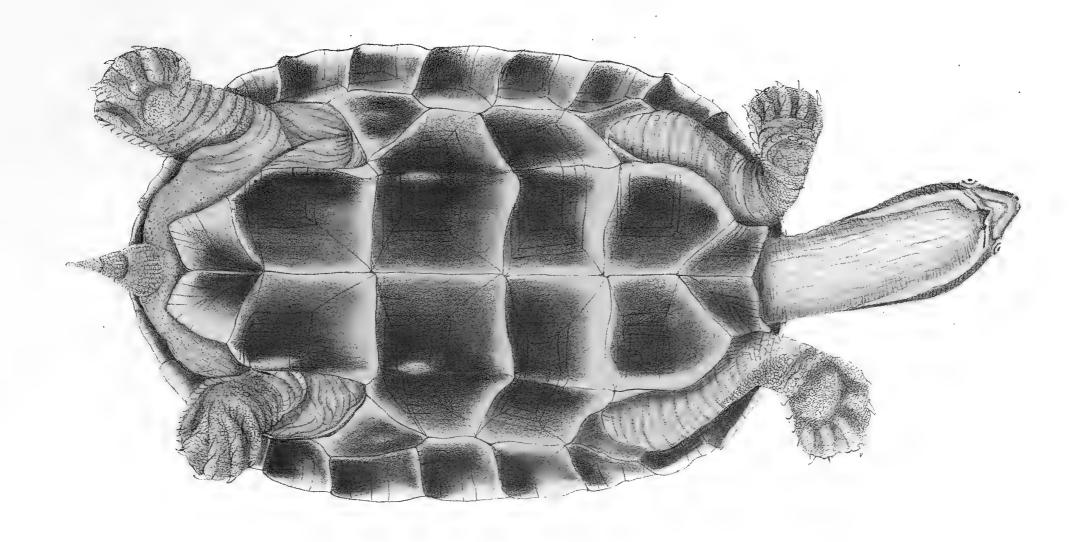


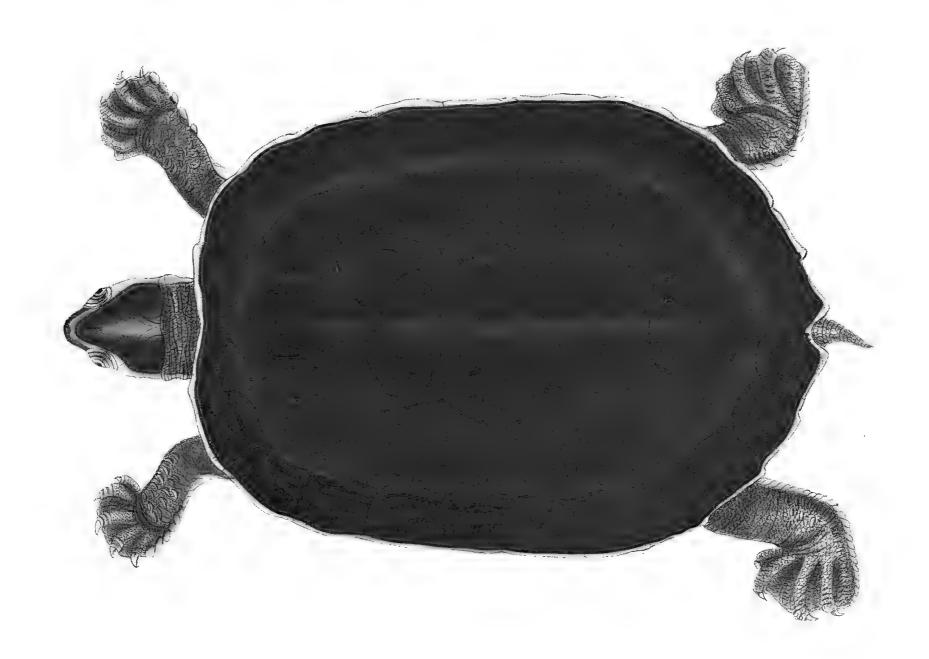


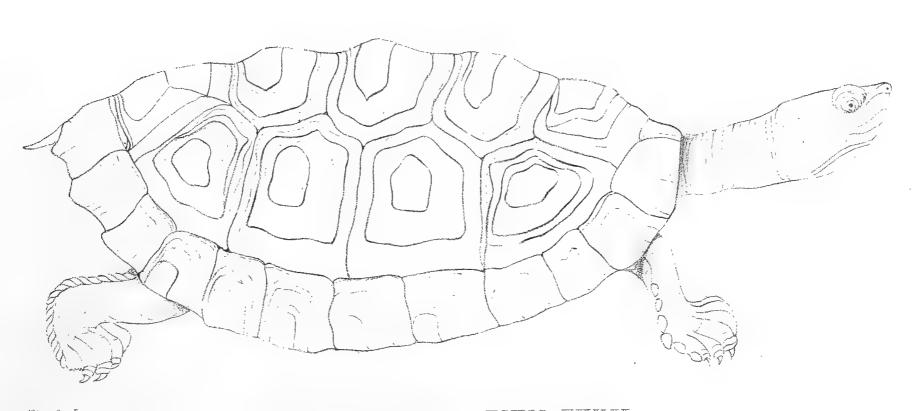
EAVED TERRAPIN. EMYS TECTUM. Bell Mfs.
From Dr Buchanan Hamiltons Drawings.
India.

· . • •

.







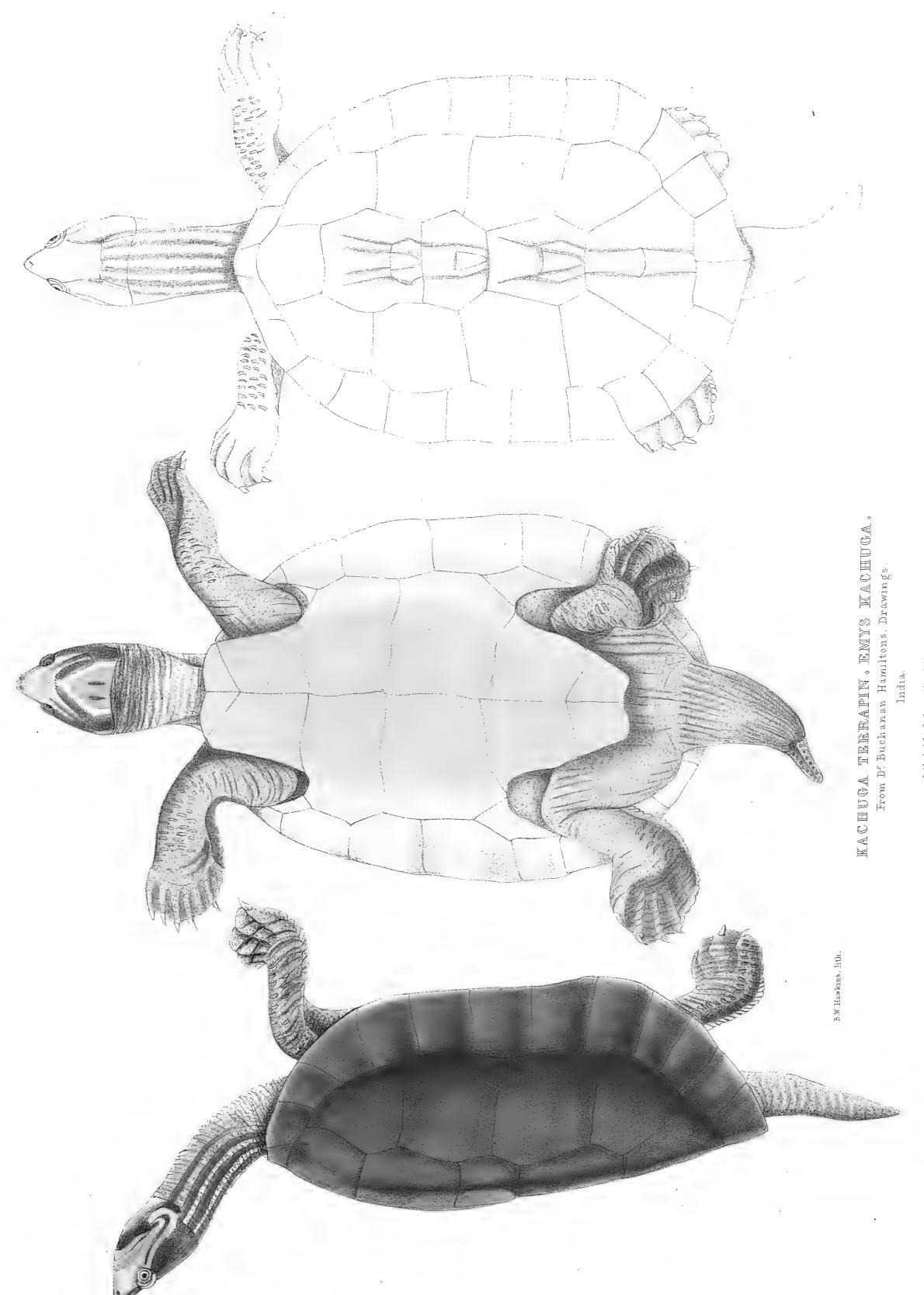
THE J. TERRAPIN, n. EMYS THUJI.n.

From Dr. Buchanan Hamilton's Drawing

Published by Parbury. Allen & Co. Leadenhall Str.

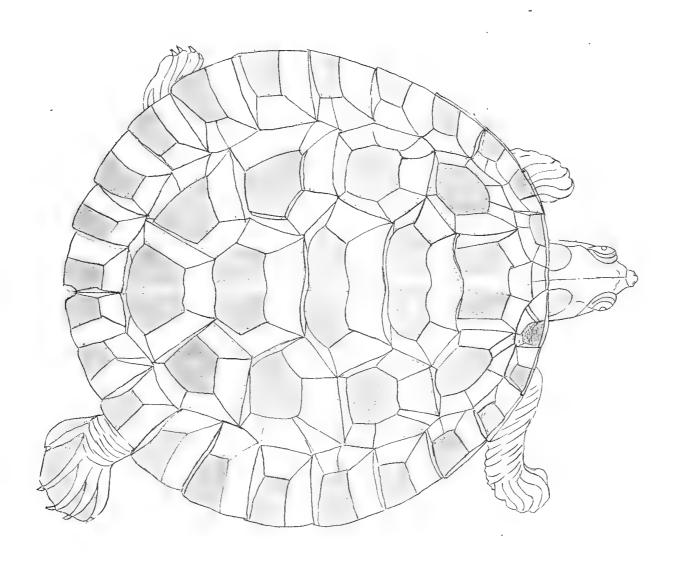
Frinted by W.Day

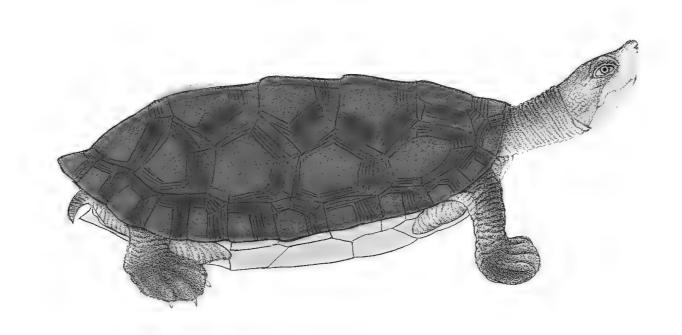


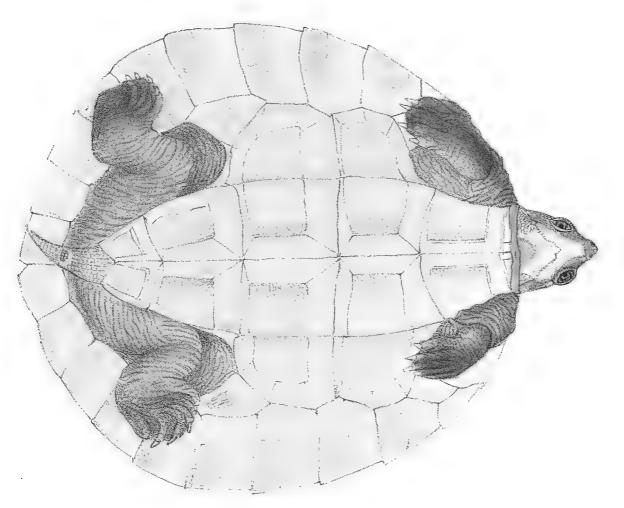


ublished by Parbury Allen & C^oLeadenhall Street. Printed by W.Day.



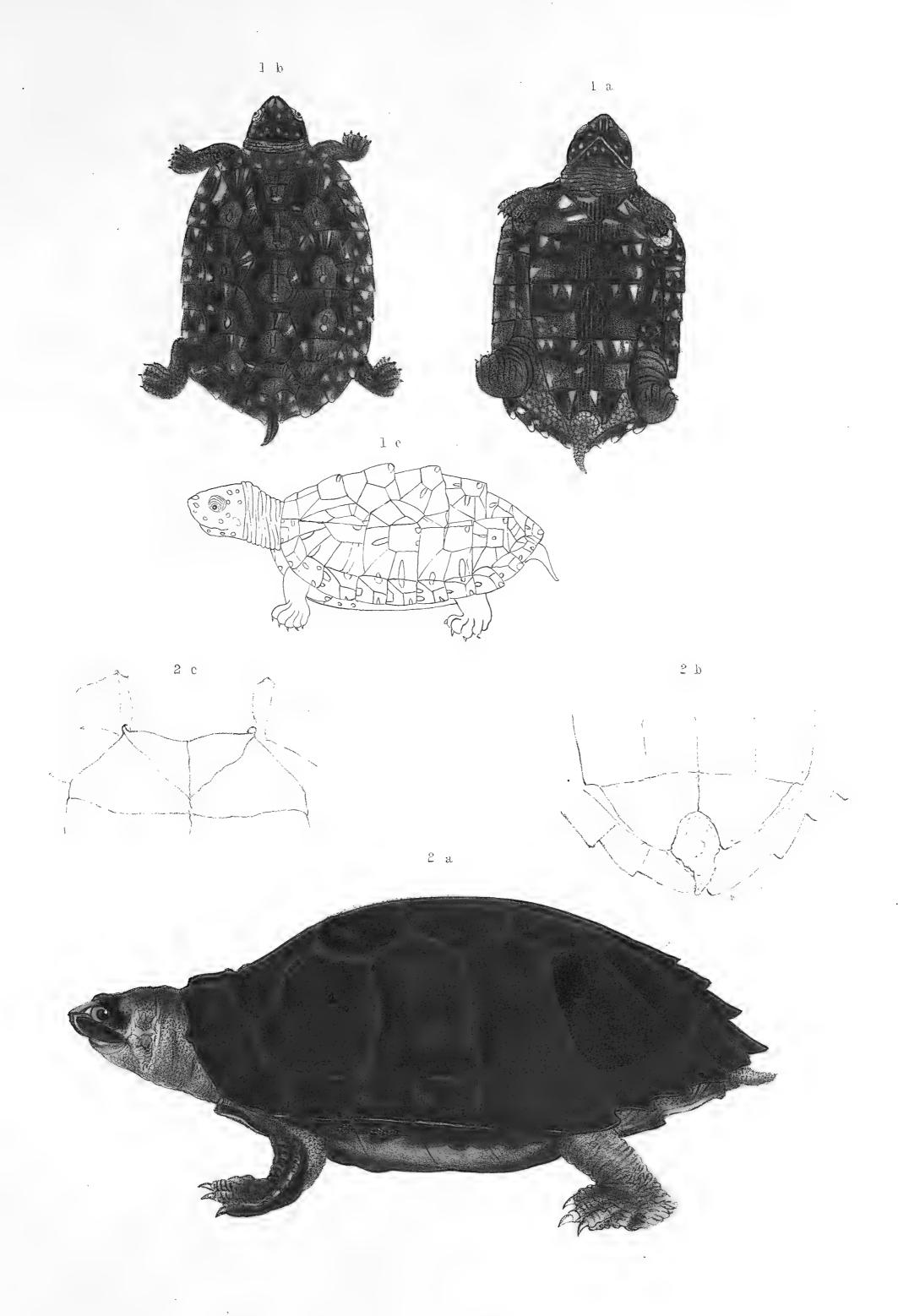






BASKA TERRAPIN.n. EMYS BASKAn.
From DF Buchanan Hamilton's Drawing.
Published by Parbury Allen & Colleadenhall St
Printed by WDay.



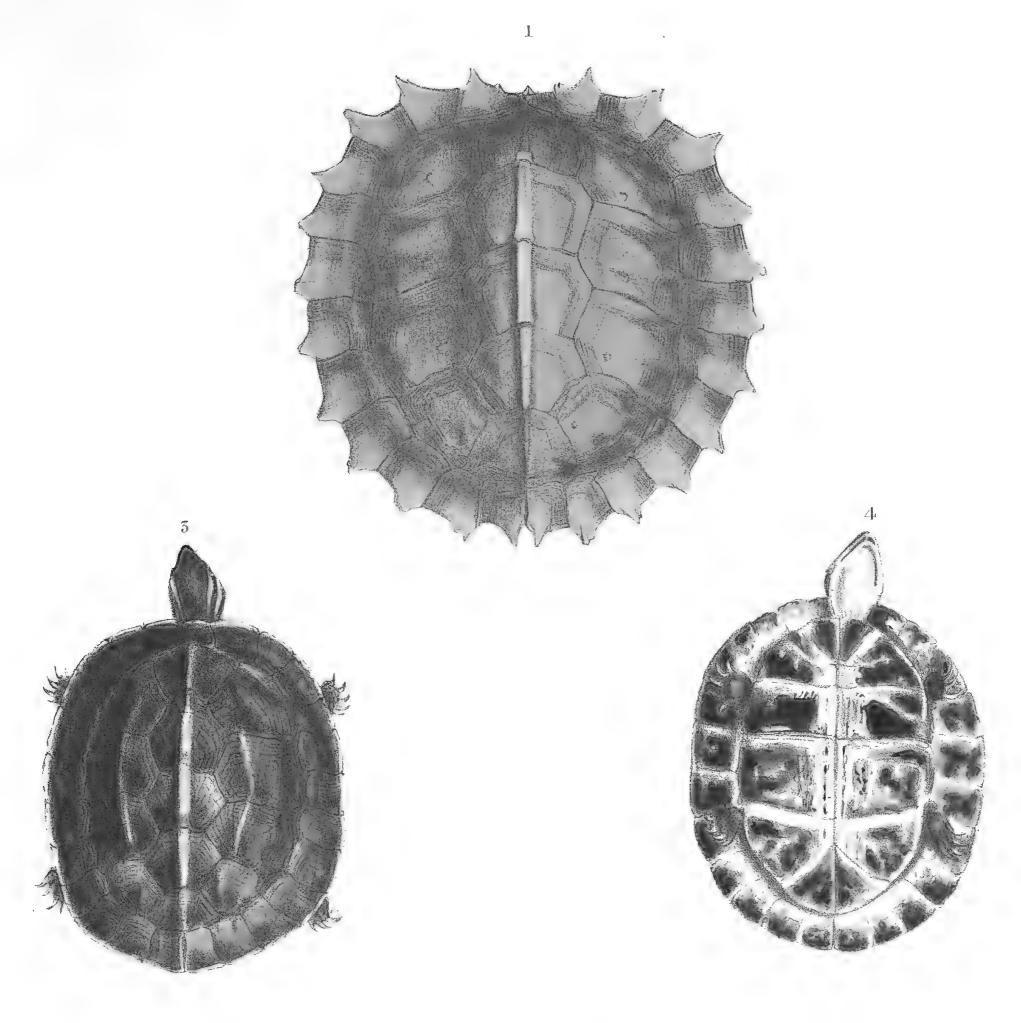


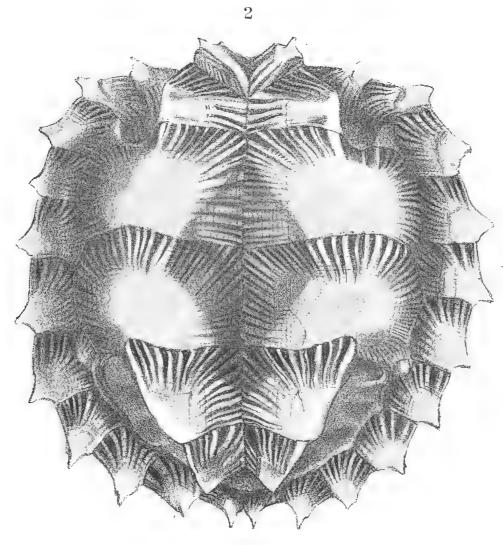
I SPOTTED TERRAPIN_EMYS · GUTTATA n. From D. Buchanan Hamiltons Drawings. 2....THICKNECKED TERRAPIN.EMYS CRASSICOLLIS. Bell MJs.

Mus D"Bell.

Published by Mefs". I resitted Wortx & C. Soho Square
Printed by W Day.

•





EMYS SPINOSÆ. Bell. Penang.

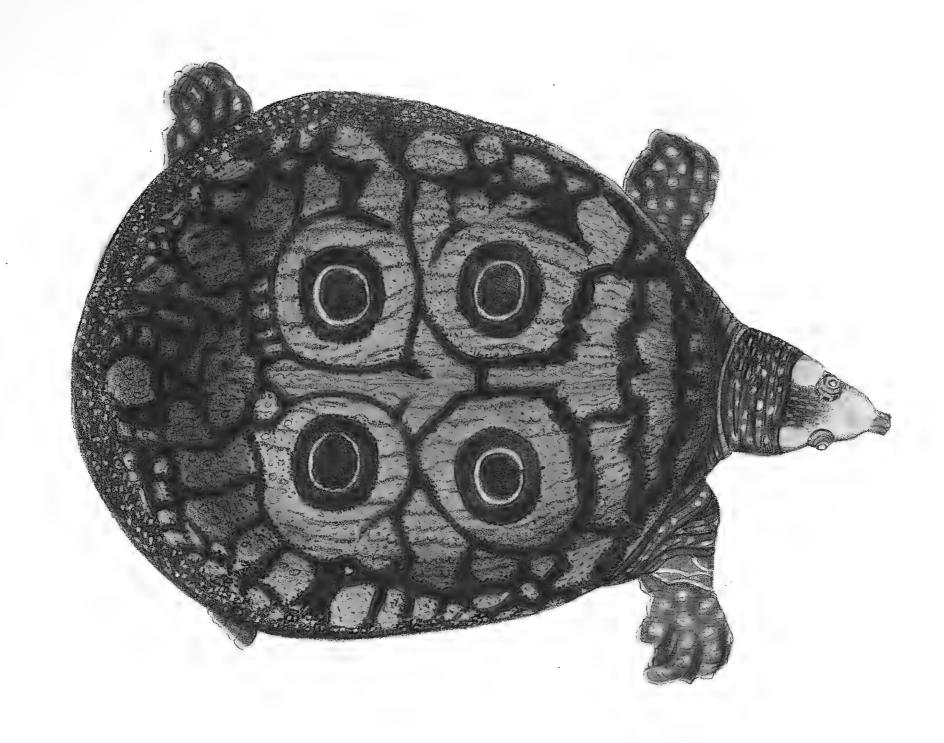
1 . 2

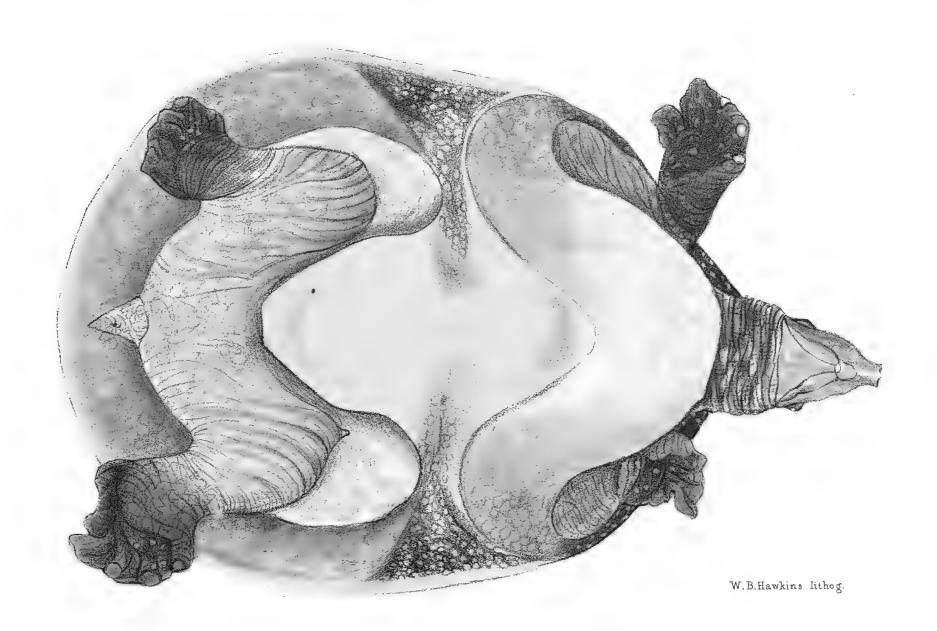
3.4 CISTUDA AMBOINENSIS. Amboina. Nat Size

B.W.Hawkins lithog:

Published 1829, by Parbury, Allen & C.º Leadenhall Street.
Printed by W.Day, II. Gate Street





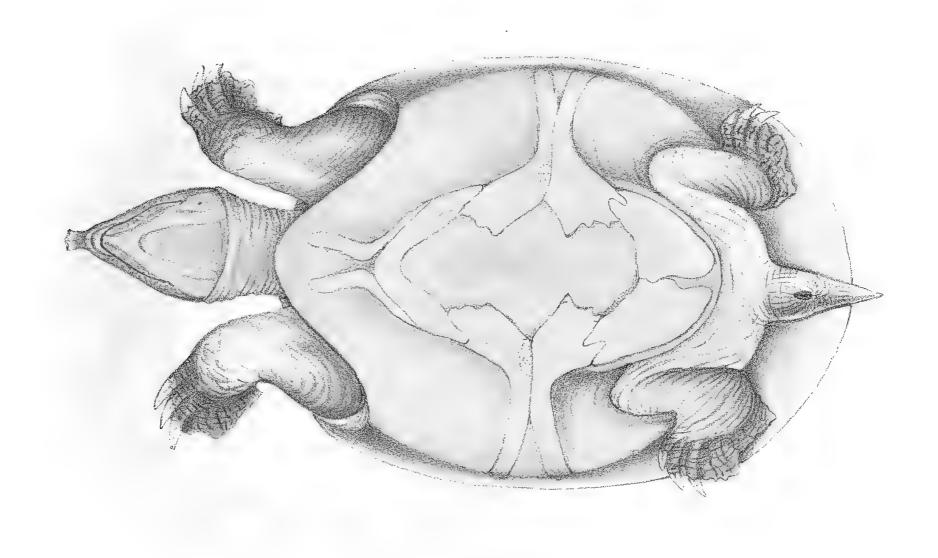


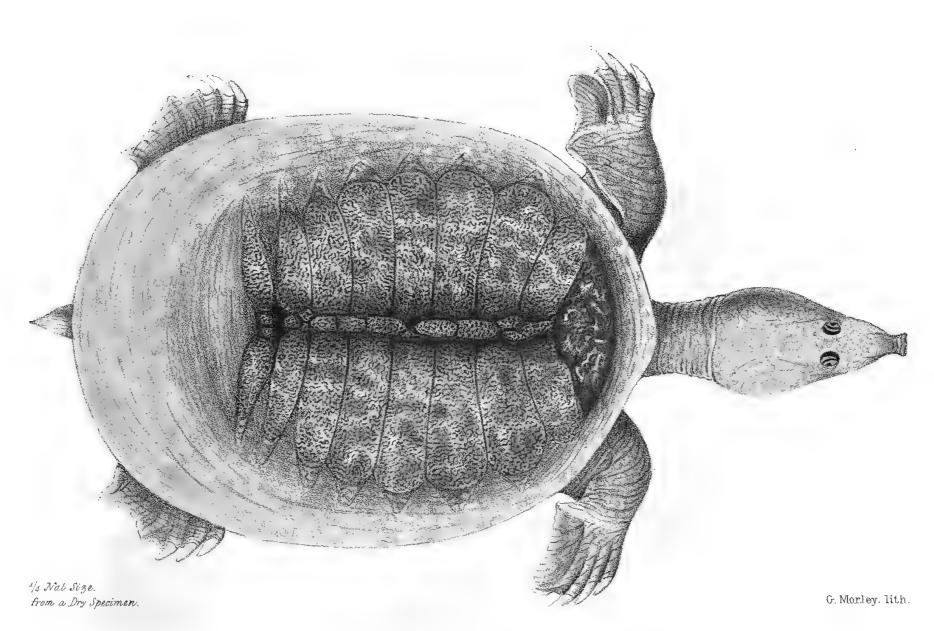
TRIONYX OCCELLATUS. n. EYED TRIONIX.

From D. Buchanan Hamilton's Drawings.
In dia. •

Published 1829 by Parbury Allen & C. Leadenhall Street.
Day, lithog. 17 Gate S.





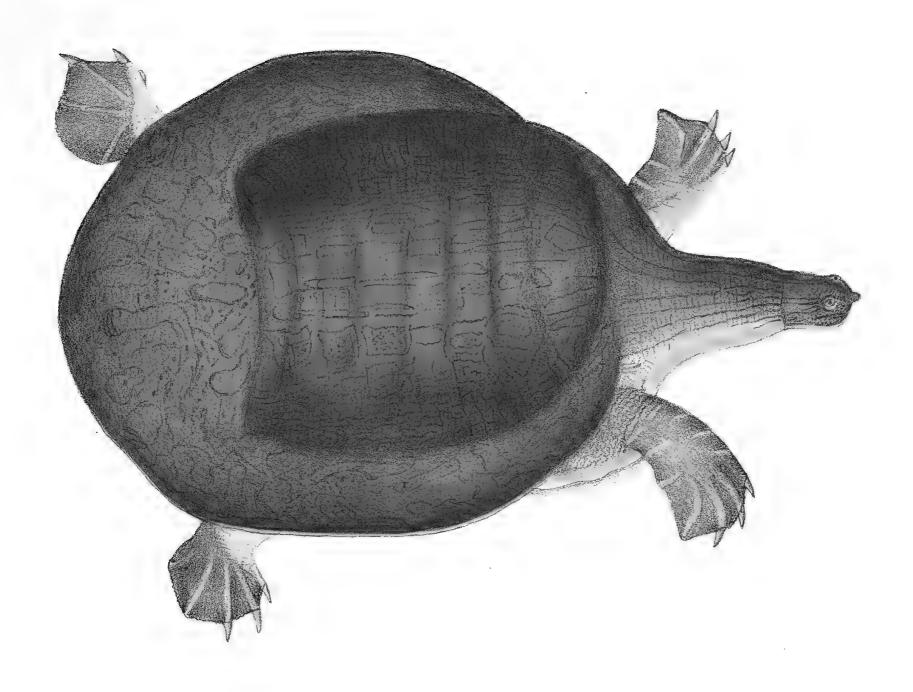


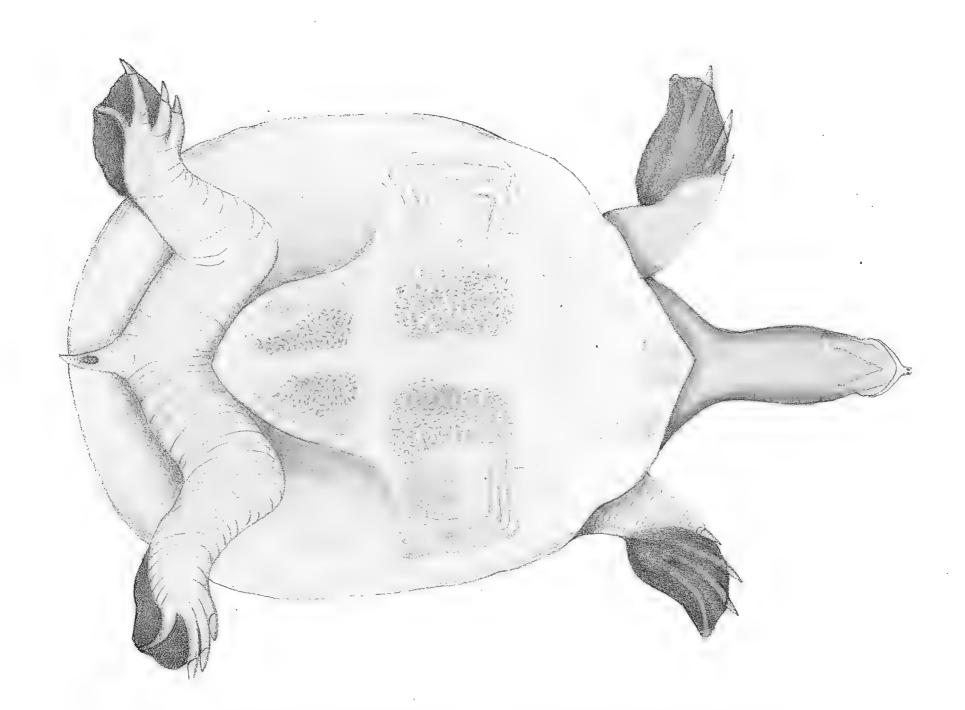
TRIONYX SUBPLANUS.Geoff.FLAT TRIONYX.
India.

Published 1829 by Parbury Allen & C. Teadenhall Street.

Printed by W Day 17 Gate Str!





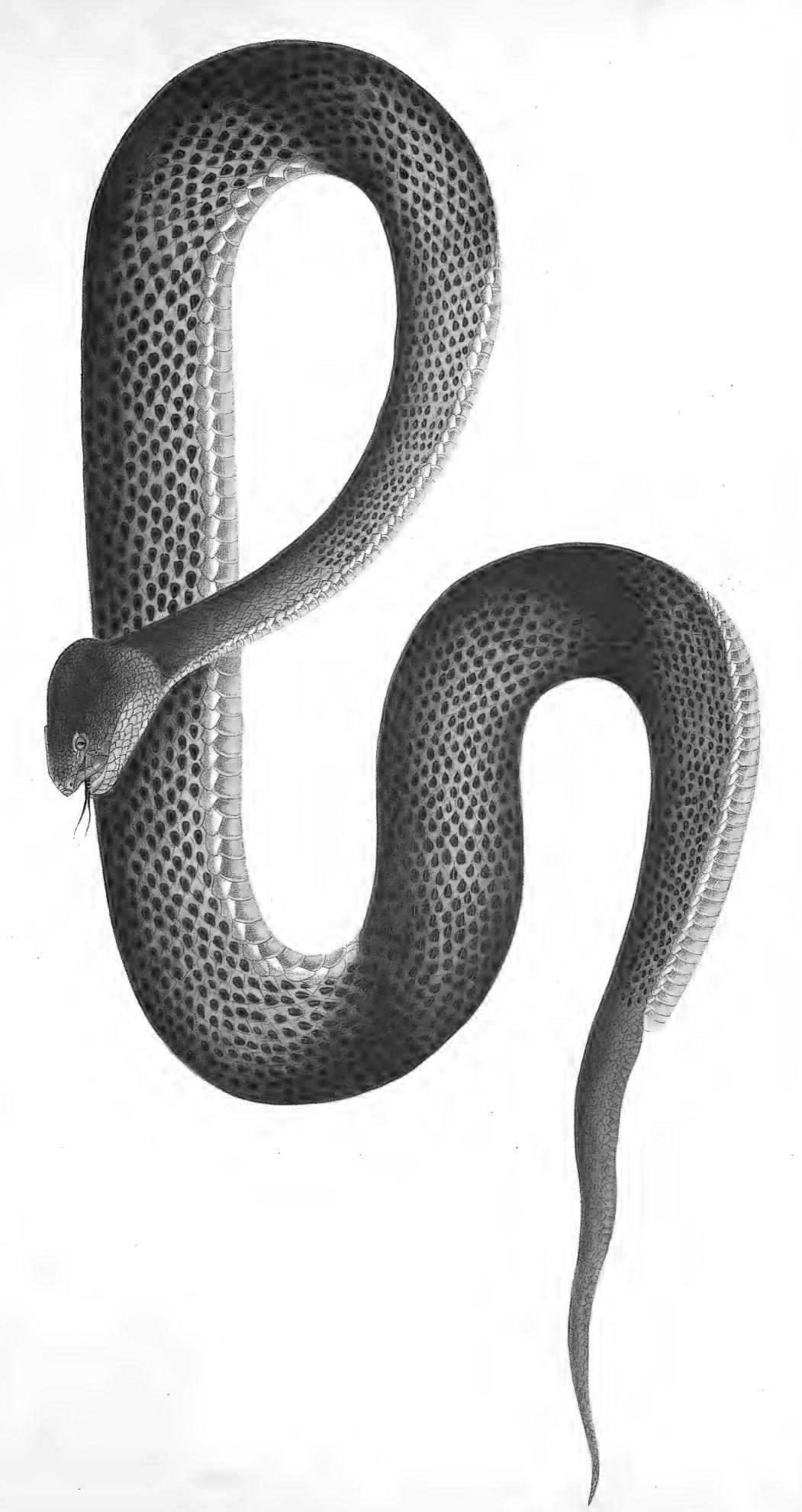


TRIONYX AEGYPTIACUS. Var. Indica.n. EGYPTIAN TRIONYX. Indian. Var. Ganges, called Sewteree, sometimes grows to 240 lbs.

Fublished 1329 by Parbury Allen & C. Leadenhall Street.

Printed by W.Day 17 Gate Strt.

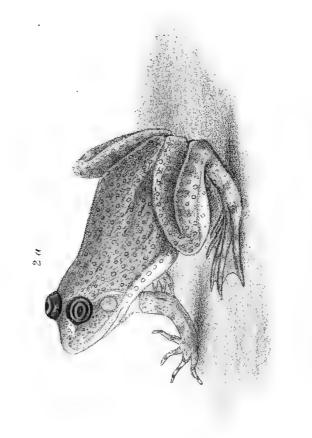




TALEGO SPORTED THE BURGORNACTURATION BLUIS 37 OF WAS STADED

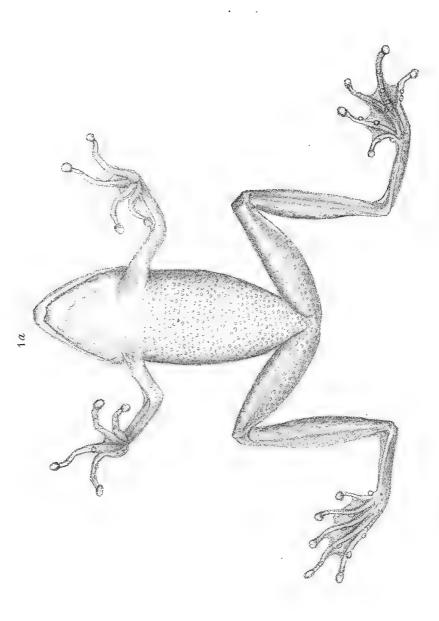
•







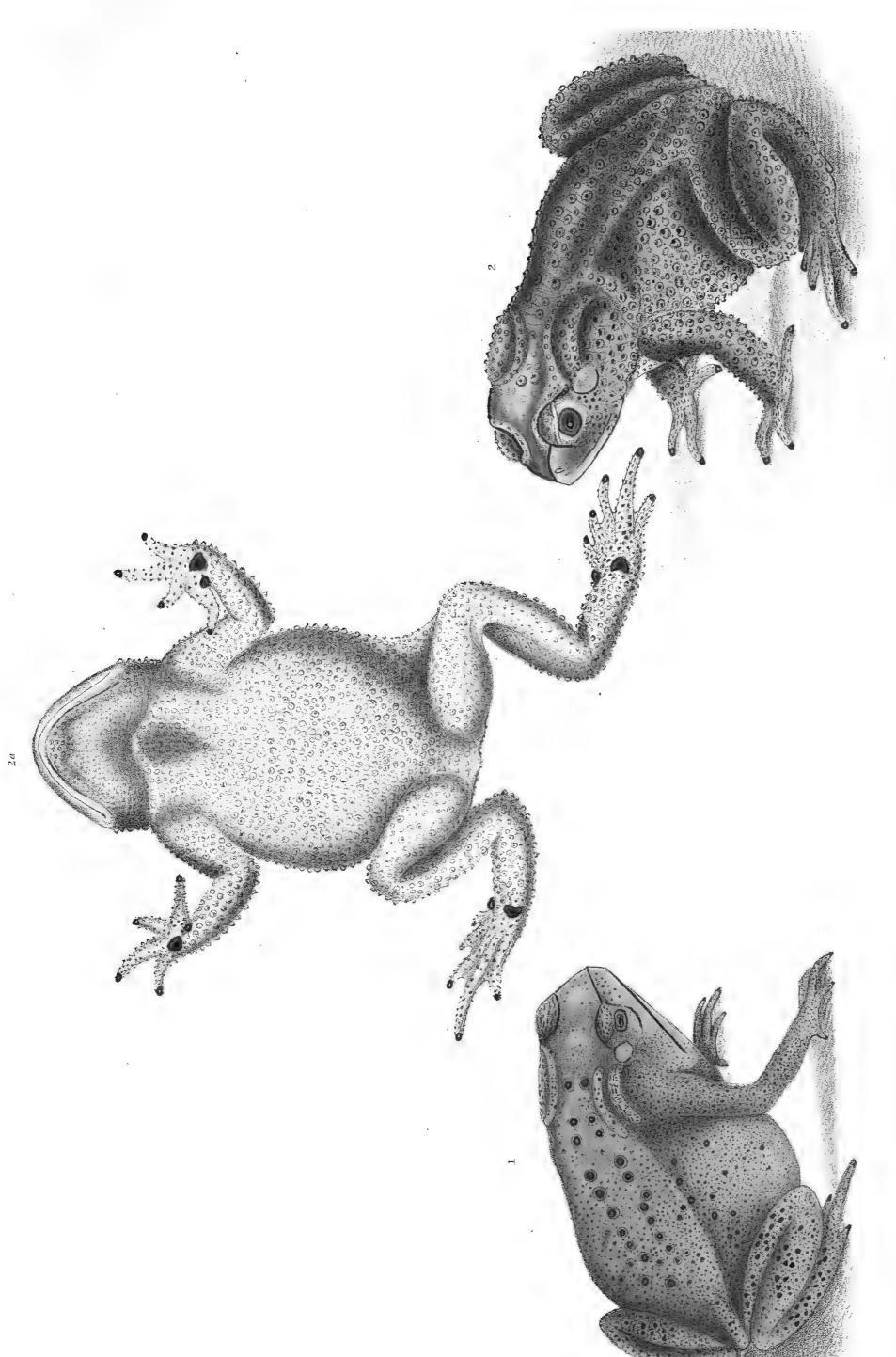




1,10. HYLA MACULATA, n. SPOTTED TREE FROG.

Protes ed Luc 1 823 by Prinary Alber, & Co Leadenhall Street London

. • •



HIND CARINATITS II. KREELEID NOSKED TOAD

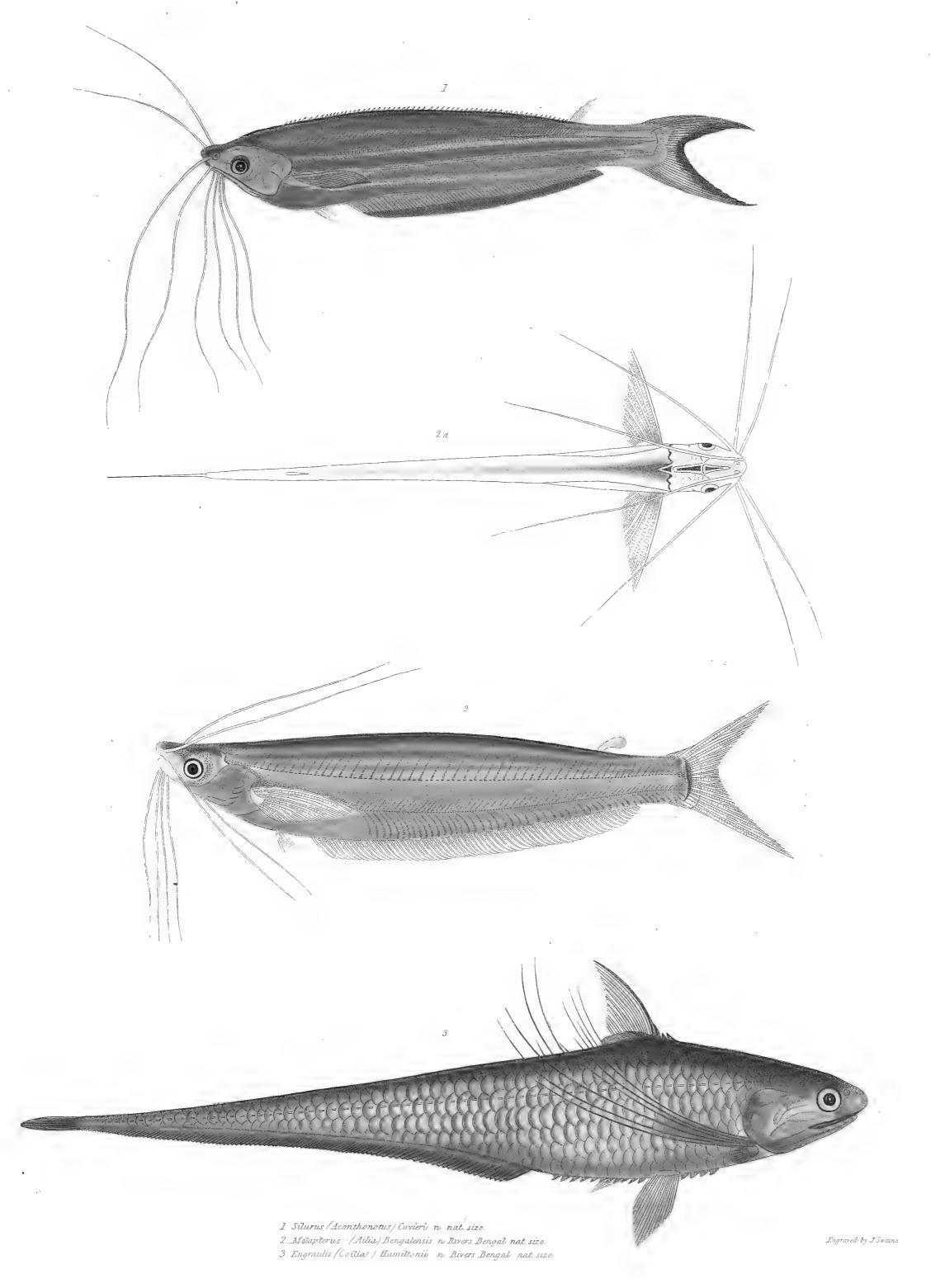
rdon Arbitshed Sont 1829, by Parbury, Allea & is seadenhall St.

HUTO DUBLA, m. MOUIBTITUL TO AM. Shaw.



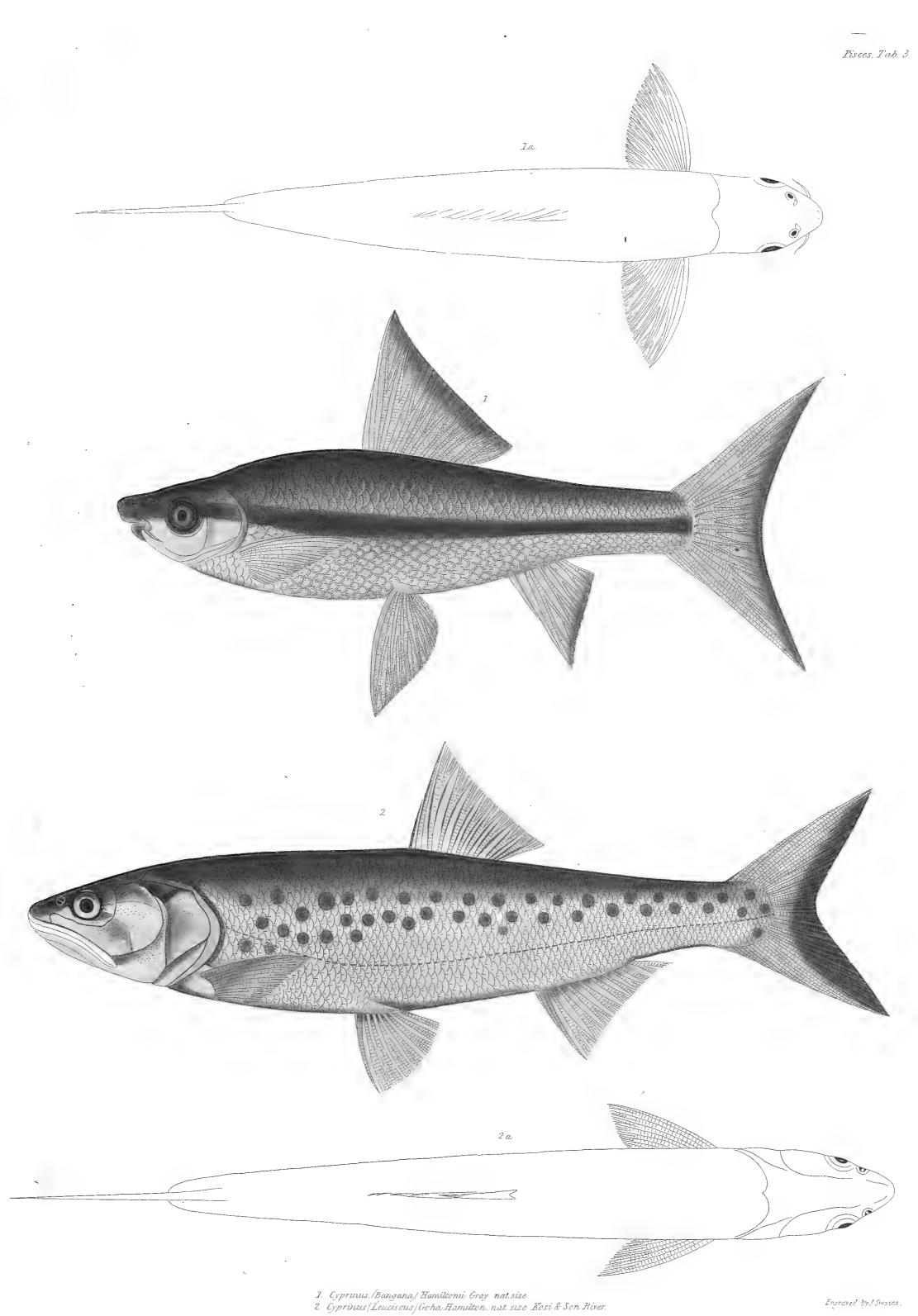
વામું જગકરા





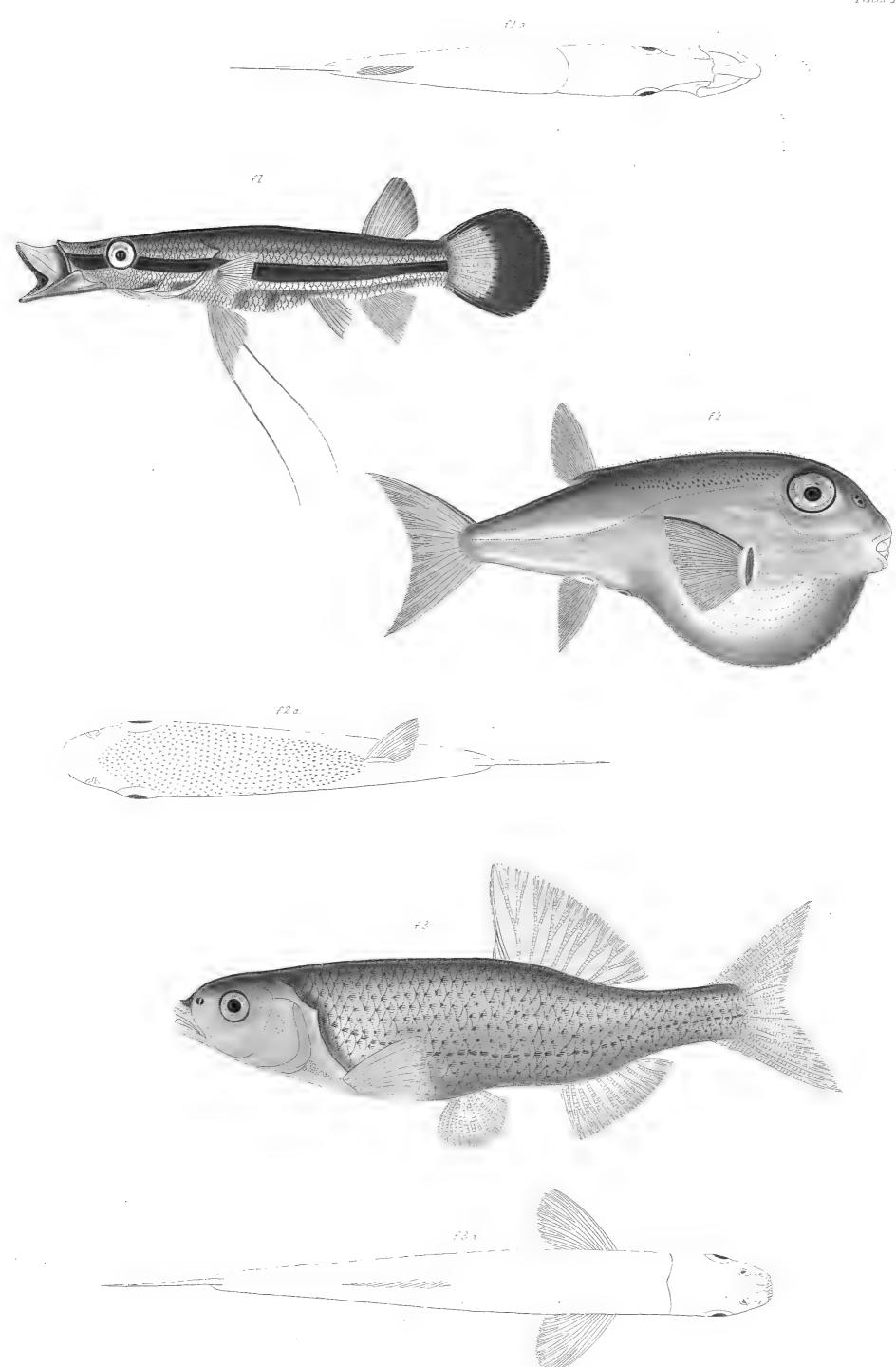
Published by Parkury Allen &C London, 1829





Published by Farbury, Allen & C? London 18?9

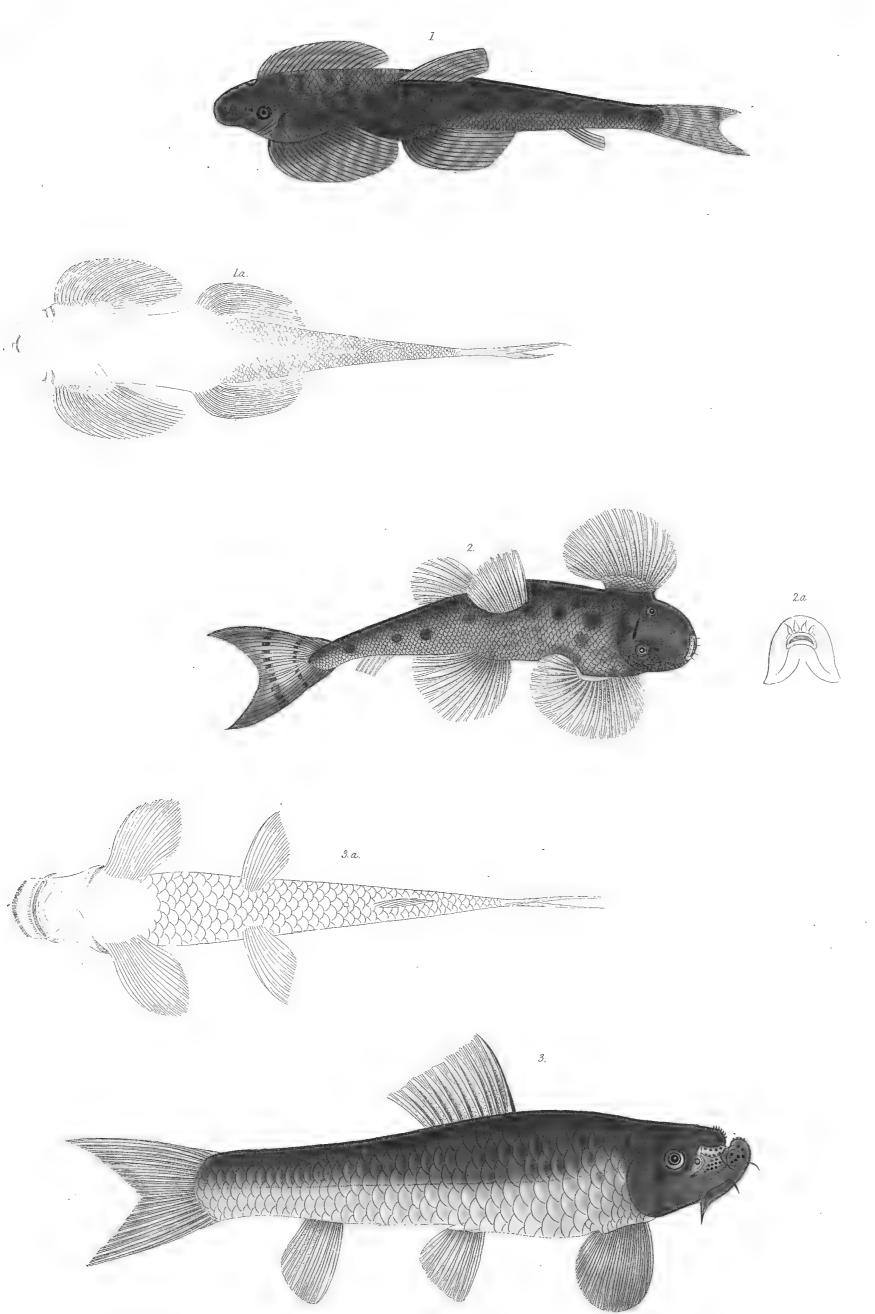




- 1 Diploptorus pulcher Gray nat size.
- Ietraodon levopleura Gray Endian Ocean nat size.
 Cyprinus Chedra Hamilton Rivers of Bengal nat size.

Brarard by I Swame



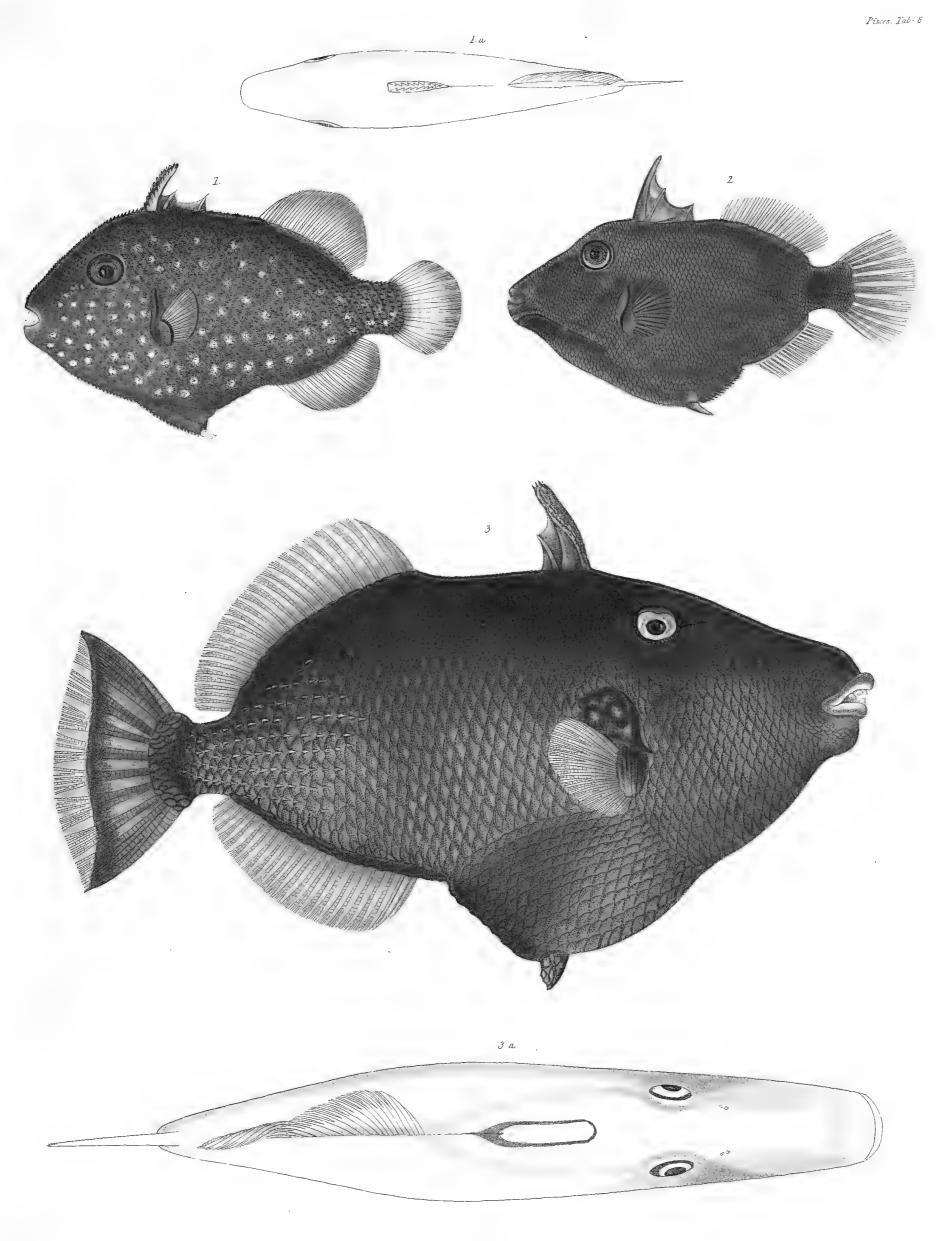


- 1. Balitora Brucei Gray. Mountain Stream, India 2. Balitora maculata Gray Mountain Stream, India 3. Cyprinus Gotyla:n. Mountain Stream, India.

Engraved by J. Swaine





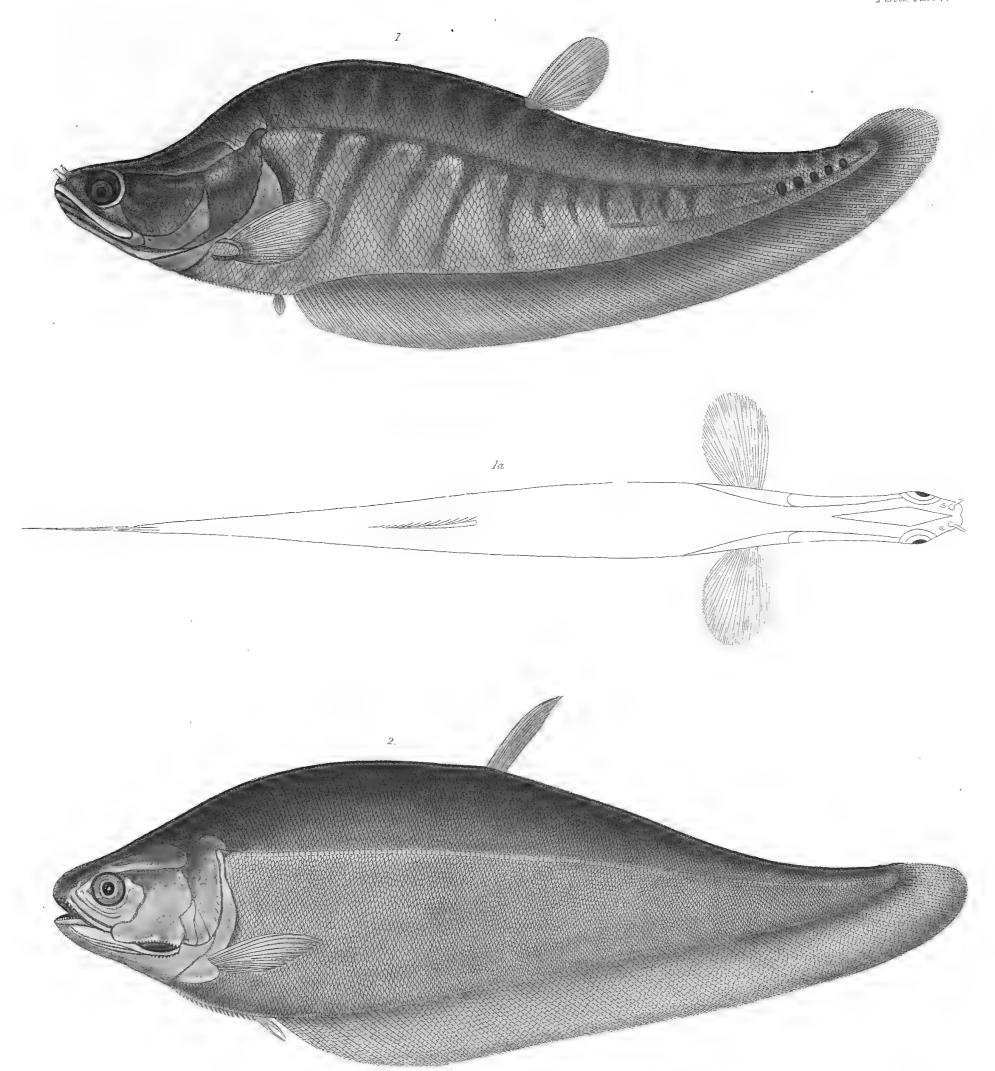


1. Balistes oculatus n. 2. Ambomensis n. 3. Gubarmaius. n.

Published by Parbury Allen & C° Leadenhall Street 1831.

Hawkins sc&col

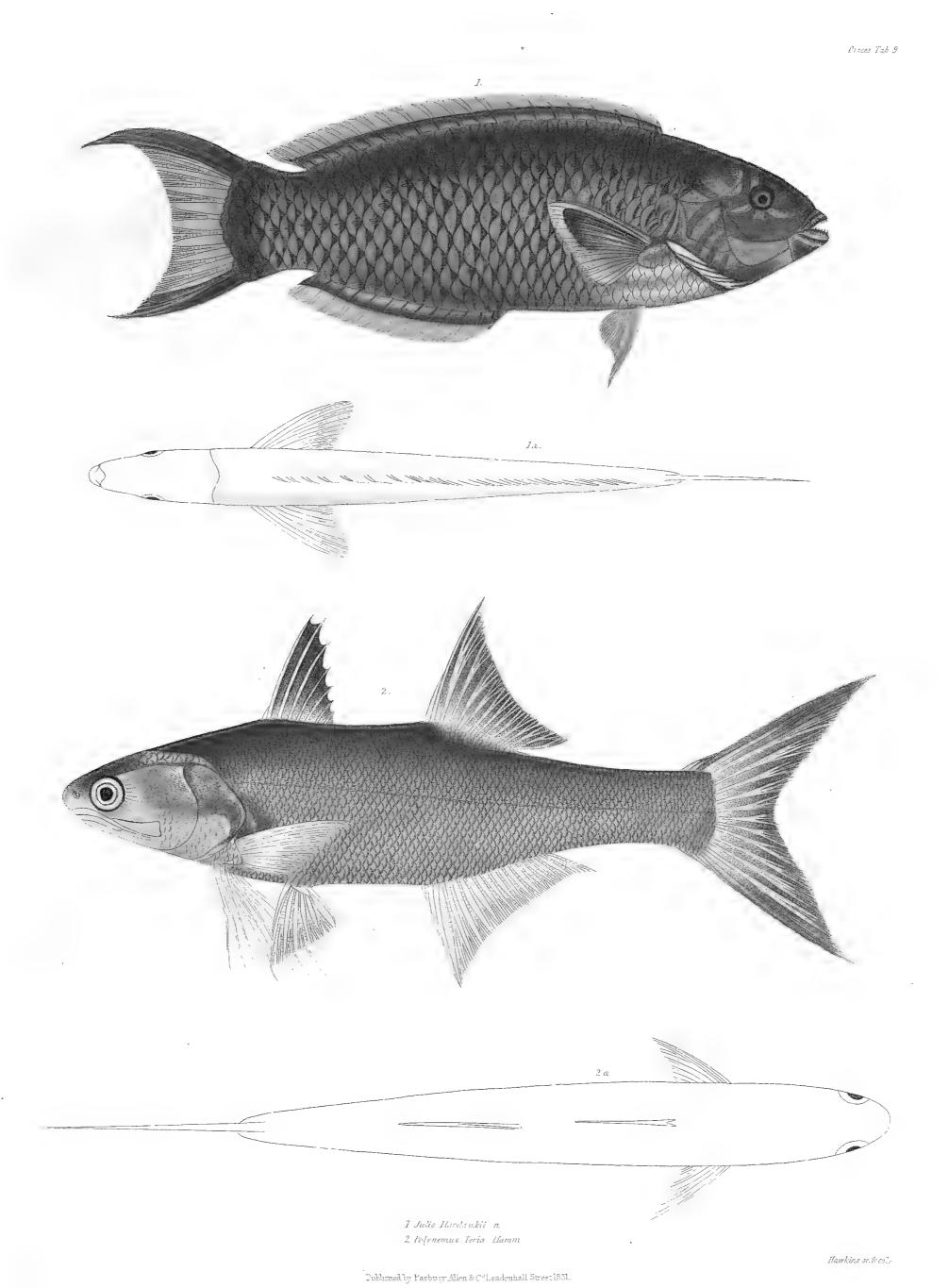




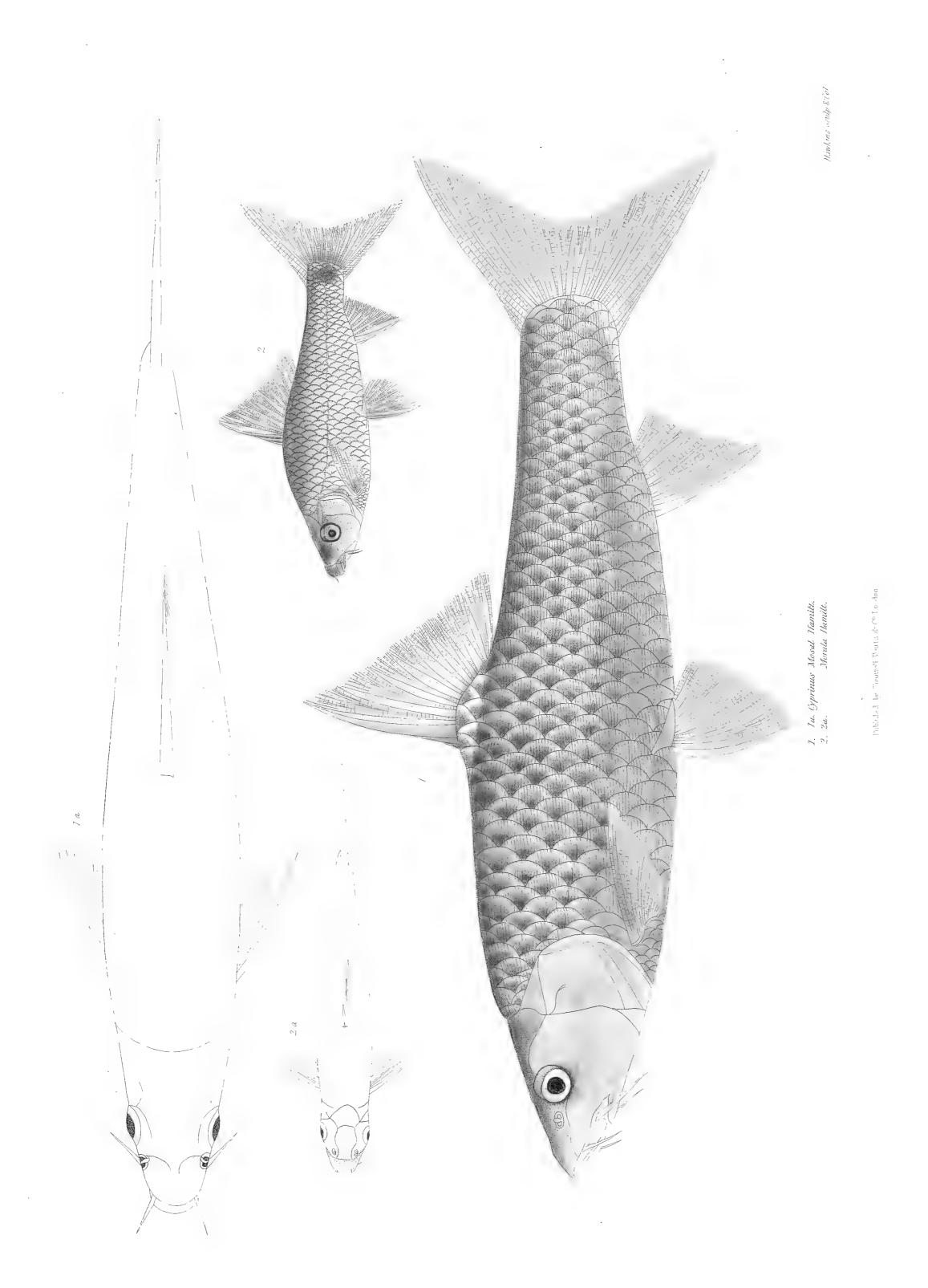
Engraved by J. Swaine.

1. Mystus Chitala. Ham. 2. Mystus Karipat. n .

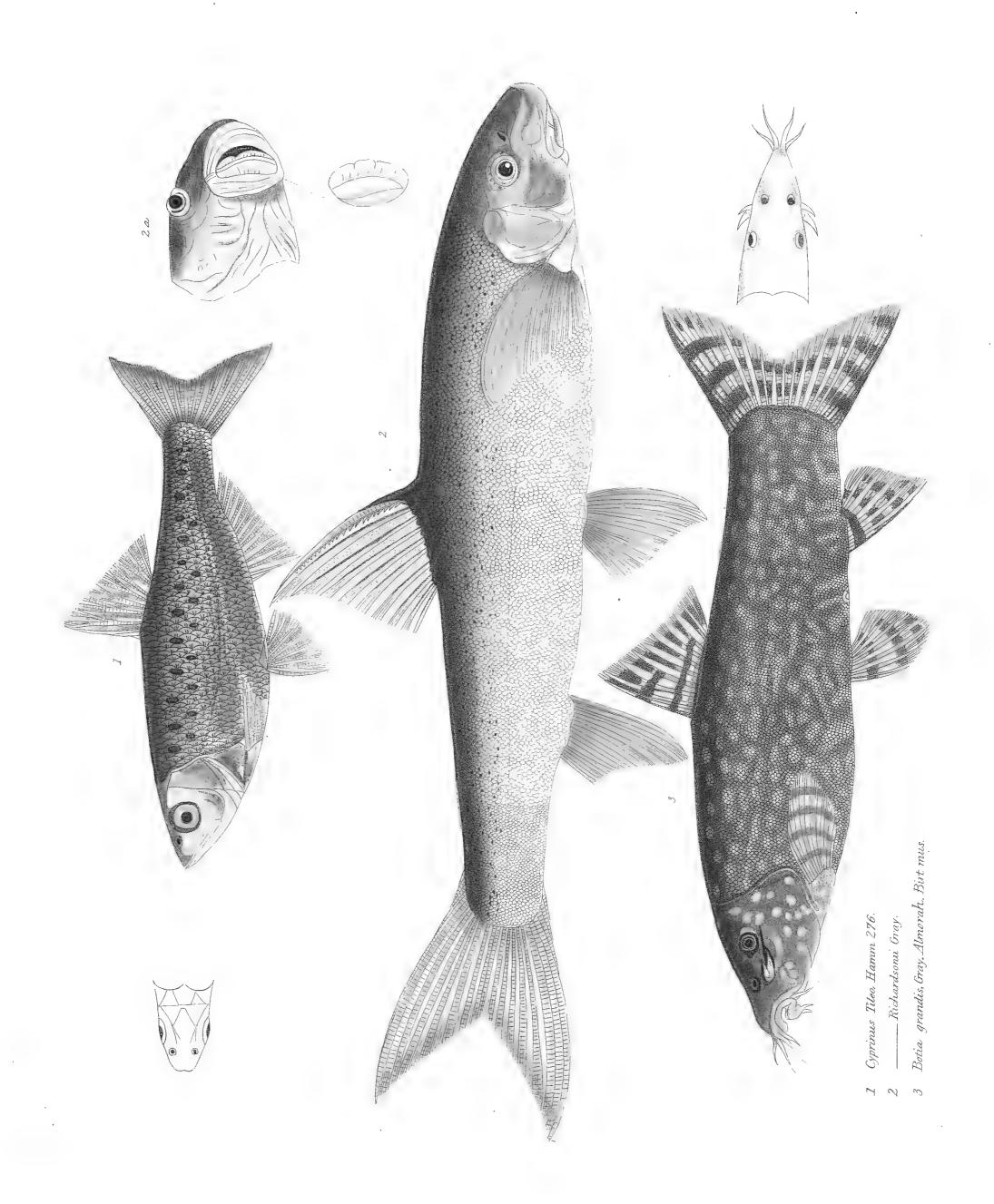
Fullhahed by Farbury, Allen & C. Leadenhall Street, 1829



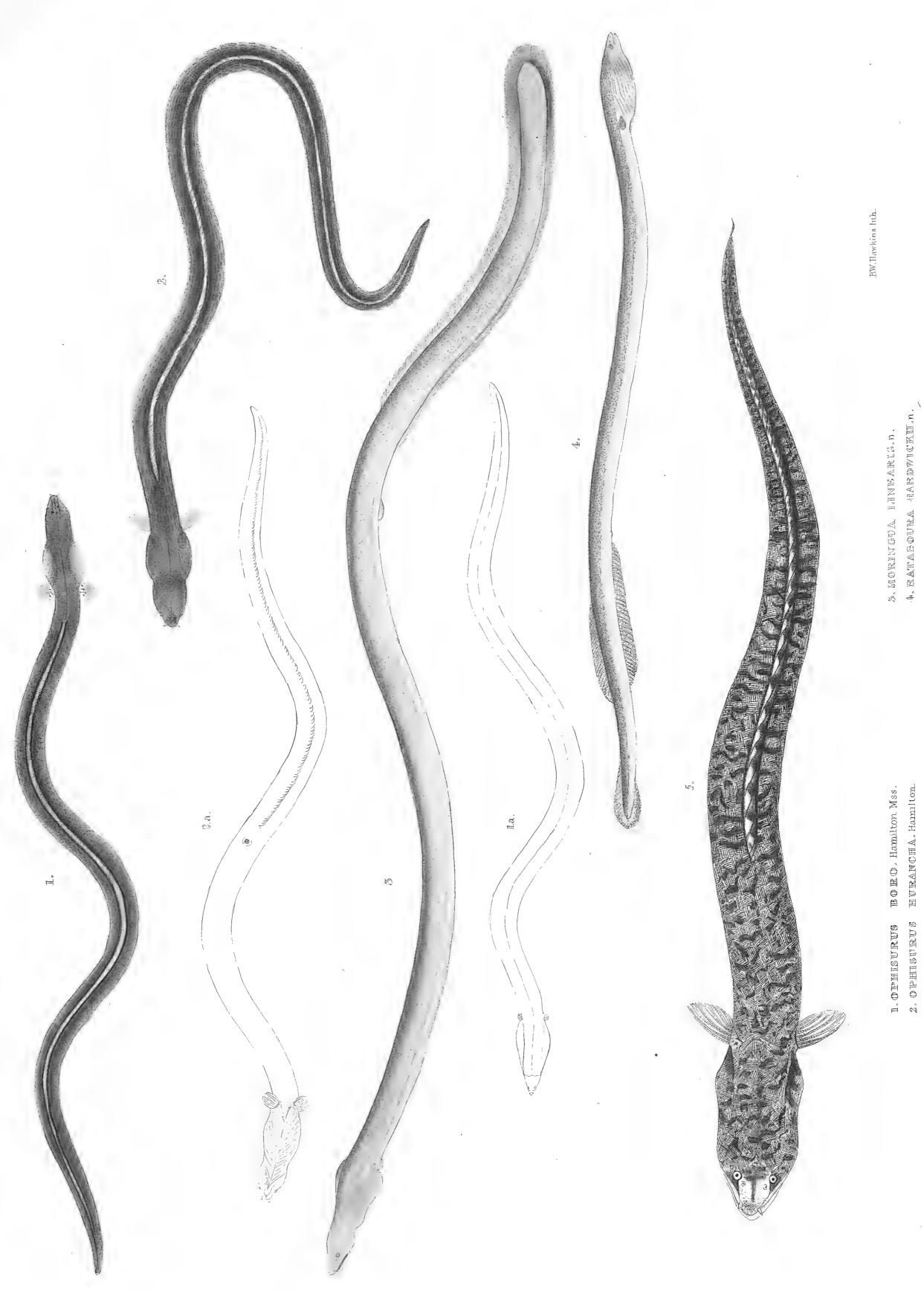










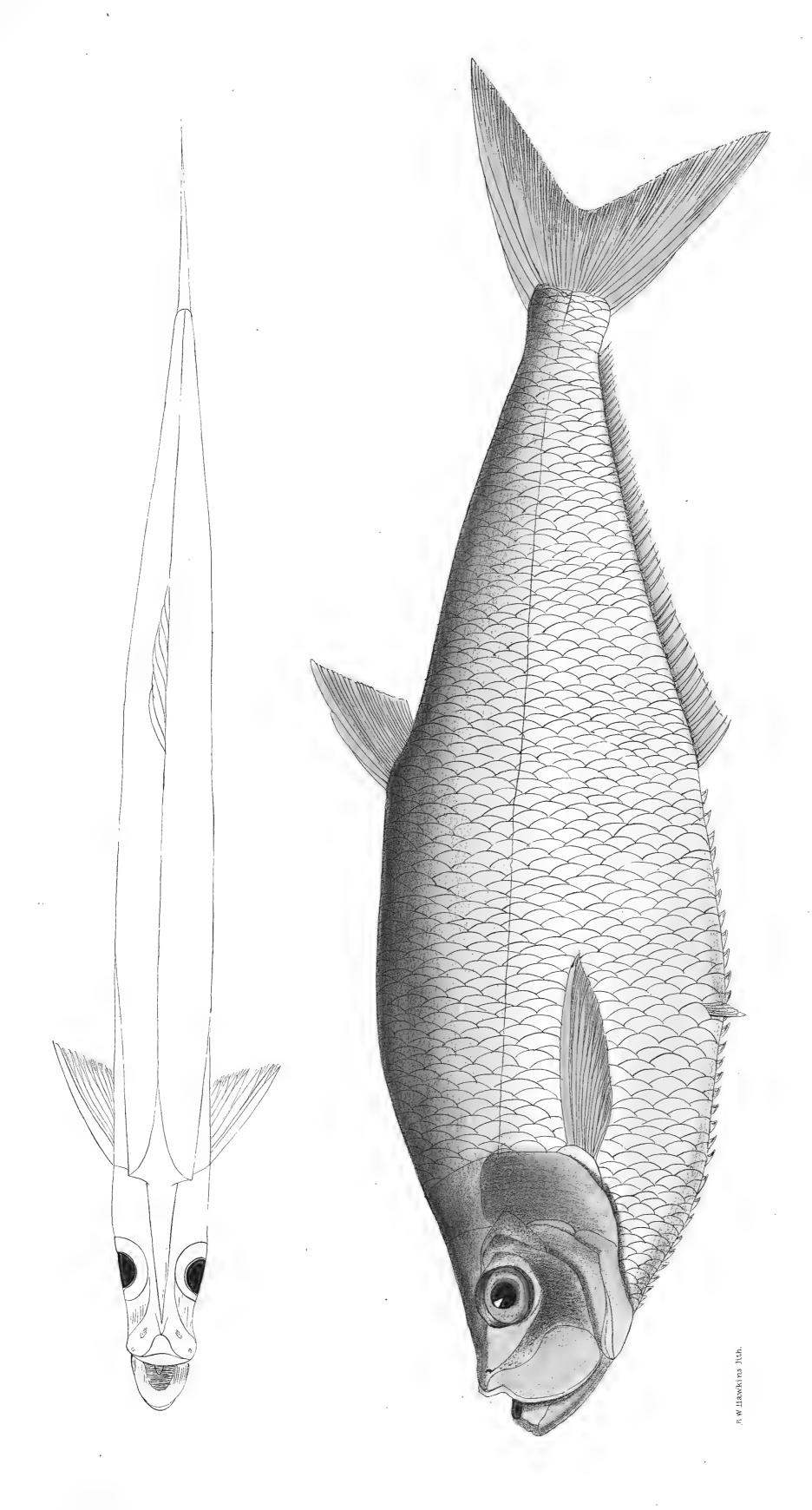


HURANCHA. Hamilton.

6. MURAENA BENGALENSIS.n.

London, Jub & by Truetell Warlx & C. Soho Square.

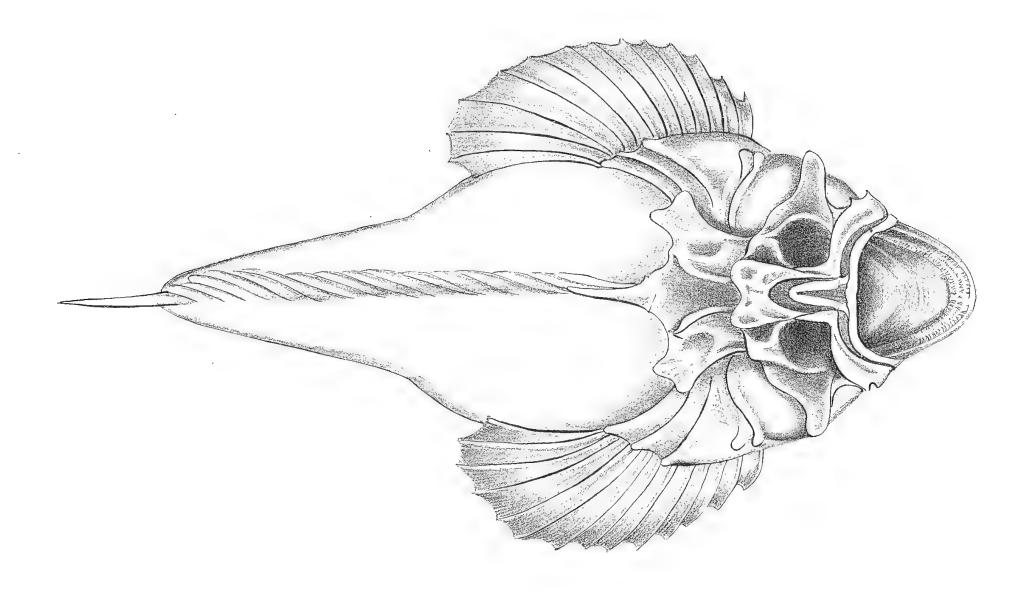
, •

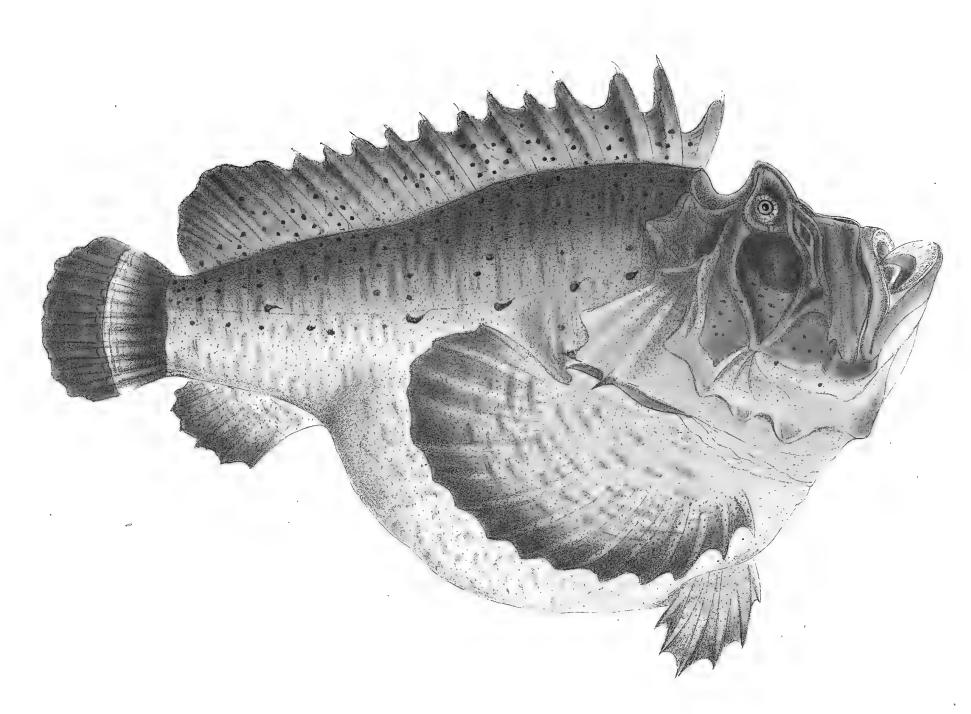


CIUPEA AFFINIS n ALLIED HERRING. Penang.

Published 1829 by Purbury Allen & C'Leadenhalb Str'-London. Printed by W Day 17 Gate Str





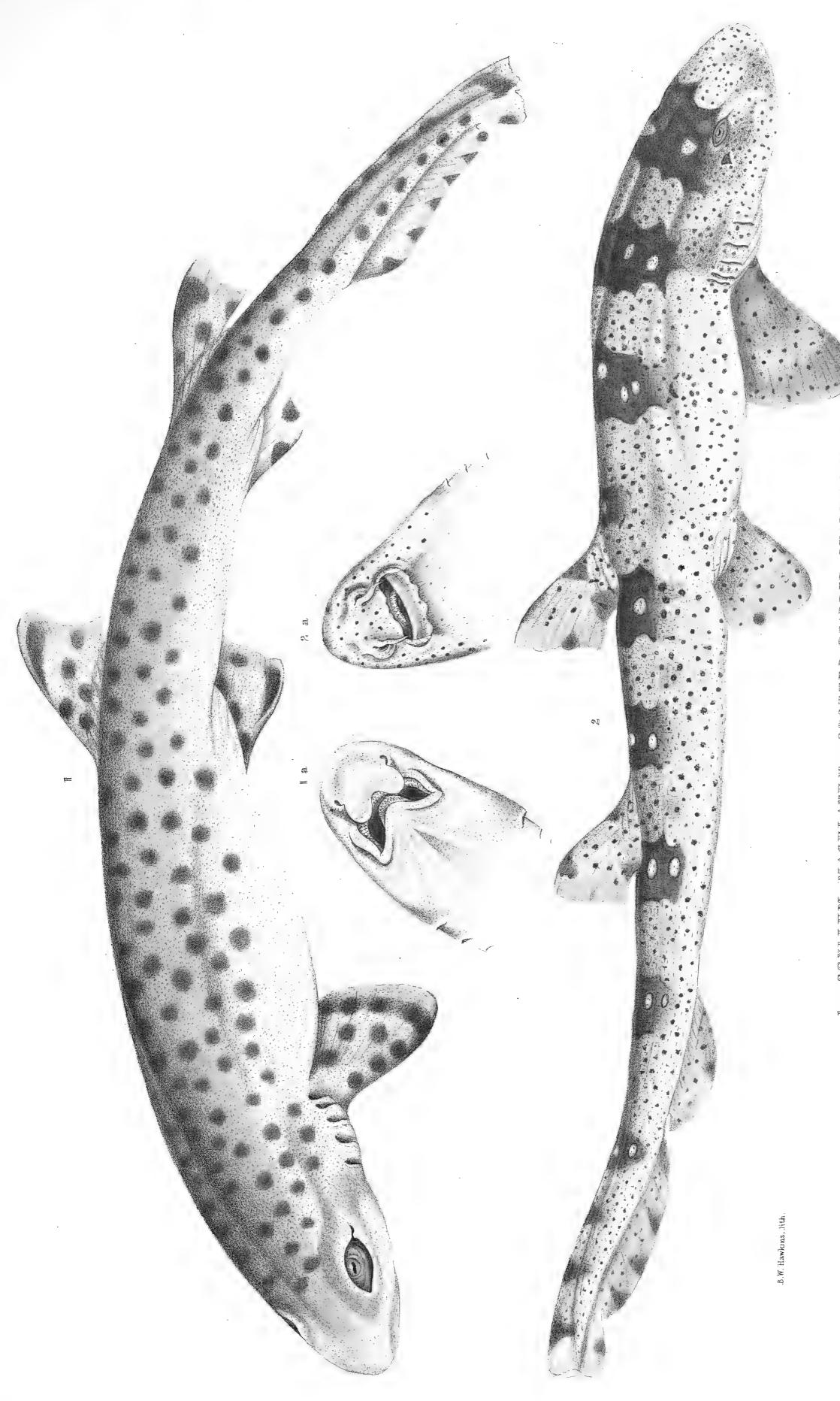


B.W.Hawkins lith.

DEFORMED HOG FISH, SYNANCEIA GROSSA.
Singapore.

Printed by W.Day.

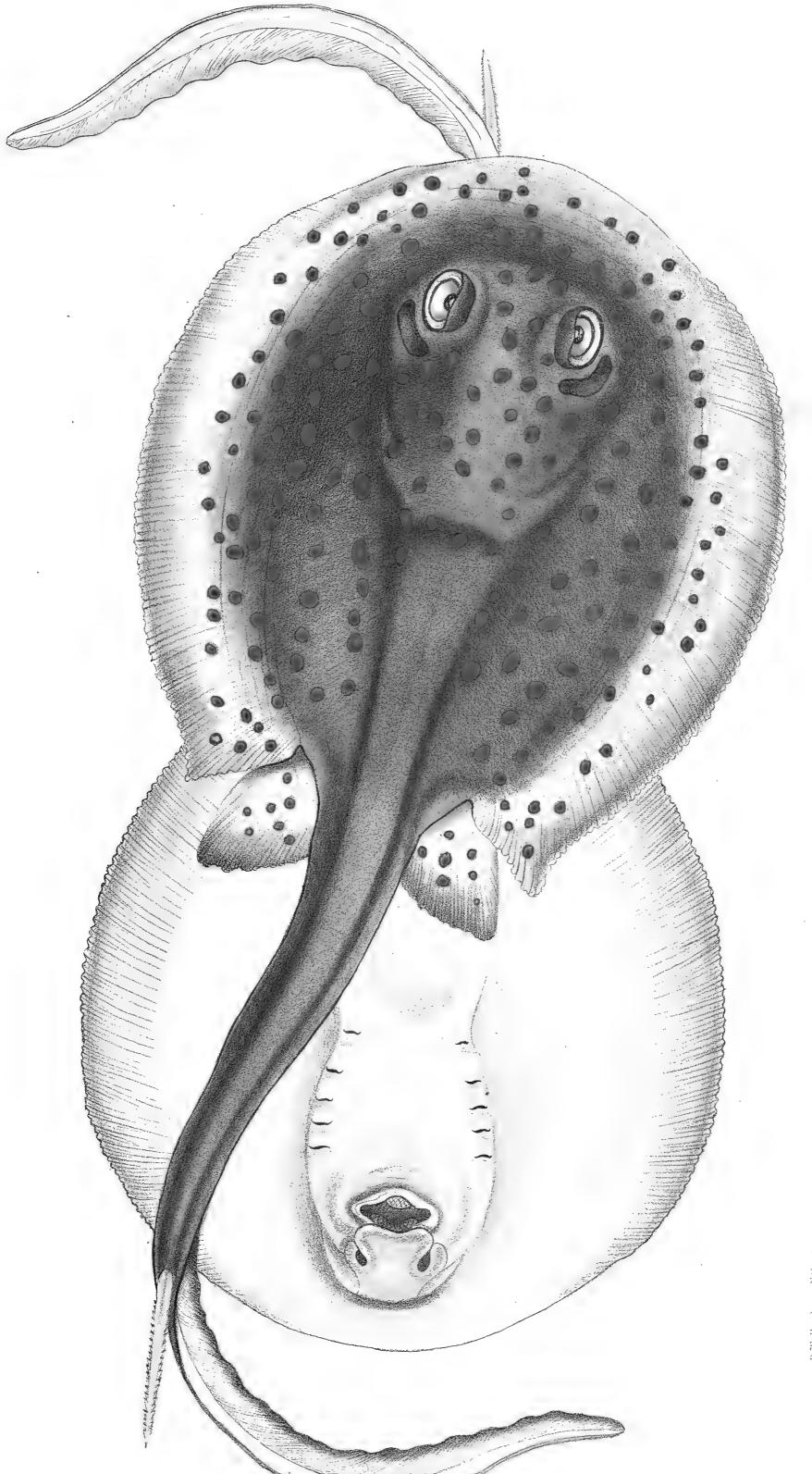




1......SCYLLUM ORNATUM, 2 ORNAMBNTED BEARDED SHARK, IndiaMus Brit 2......SCYLLUM ORNATUM, 2 ORNAMBNTED BEARDED SHARK, ChinaMus Brit.

ublished by Tarbury Allon & CoLeadenhai, Sireth Printed by W.Day.





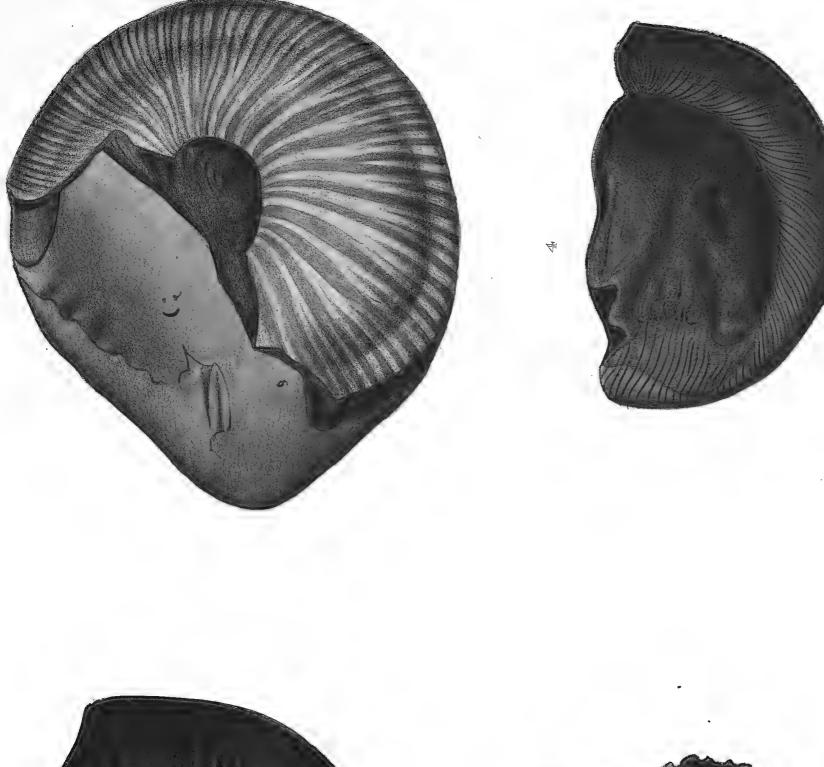
Printed by W Day.

TRYGON ORNATUS. n.

Singapore

Published 1829 by Parbury Allen & C'Ileadenhall Street.







B W. Hawkins lith

WALLICHII.n. TENUISTRATA.n.

All from Sulgranees Nepaul.

Problished 1829, by Parbury, Alben & C. Leadenhall Str. London. Printed by W. Dey 17 Gate Str.









